

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒

GAS
WELL ☐

OTHER

SINGLE
ZONE ☐

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

SUPERIOR OIL COMPANY

3. ADDRESS OF OPERATOR

P. O. DRAWER 'G', CORTEZ, COLORADO 81321

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface

1975' FNL, 2013' FWL

At proposed prod. zone
Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

8 miles southeast of Montezuma Creek, Utah

10. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

660'

16. NO. OF ACRES IN LEASE

320

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

1175'

19. PROPOSED DEPTH

5593'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

4650.1' ungraded ground level

22. APPROX. DATE WORK WILL START*

October 1984

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	54.5# K-55	120'	127 ft ³ cmt to surface
12-1/4"	9-5/8"	36# K-55	1400'	333 ft ³ cmt to surface
8-3/4"	7"	23# K-55	5593'	423 ft ³ cmt or sufficient to cover zones of interest

Superior Oil proposes to drill a well to 5593' to test the Ismay and Desert Creek formations. If productive, we will run casing and complete. If dry, we will plug and abandon as per BLM, BIA and State of Utah regulations.

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 9/20/84
BY: James R. B. [Signature]

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

[Signature]
James S. Andres

TITLE Petroleum Engineer

DATE 9-12-84

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

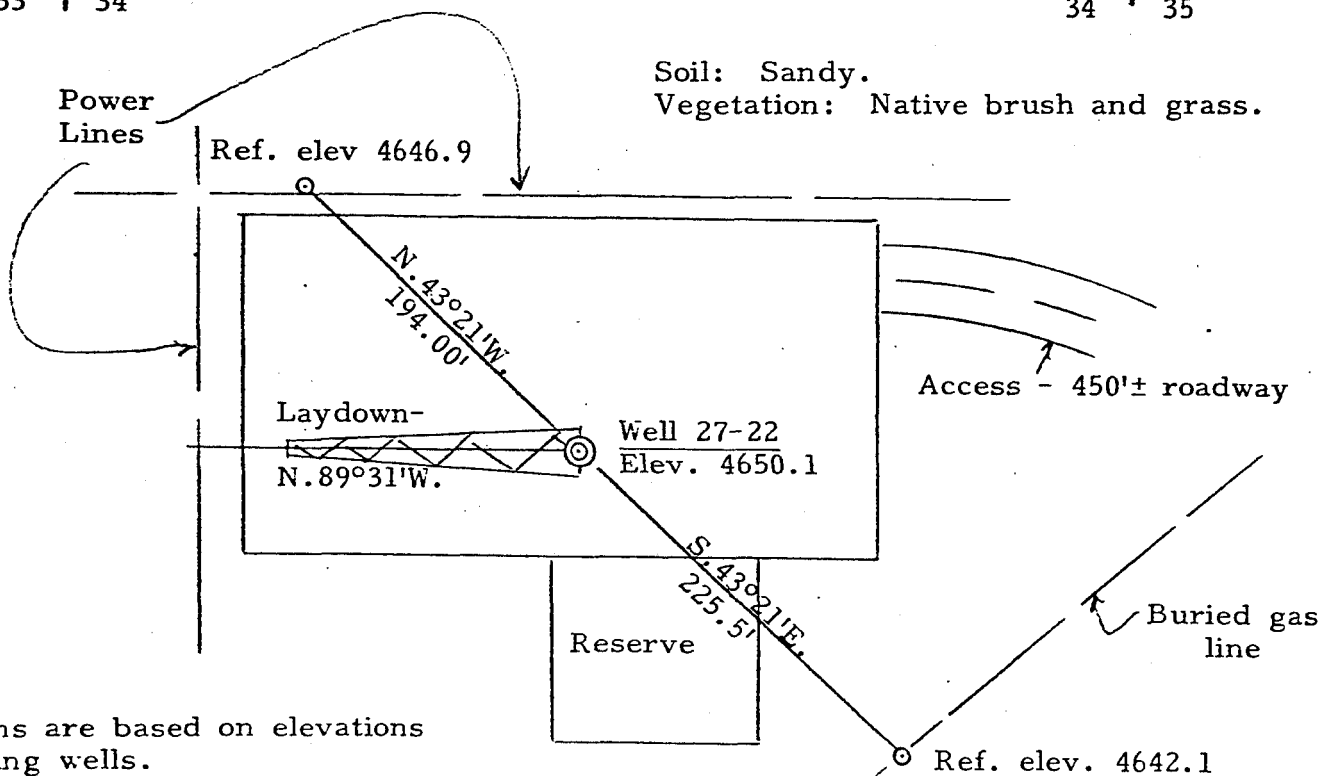
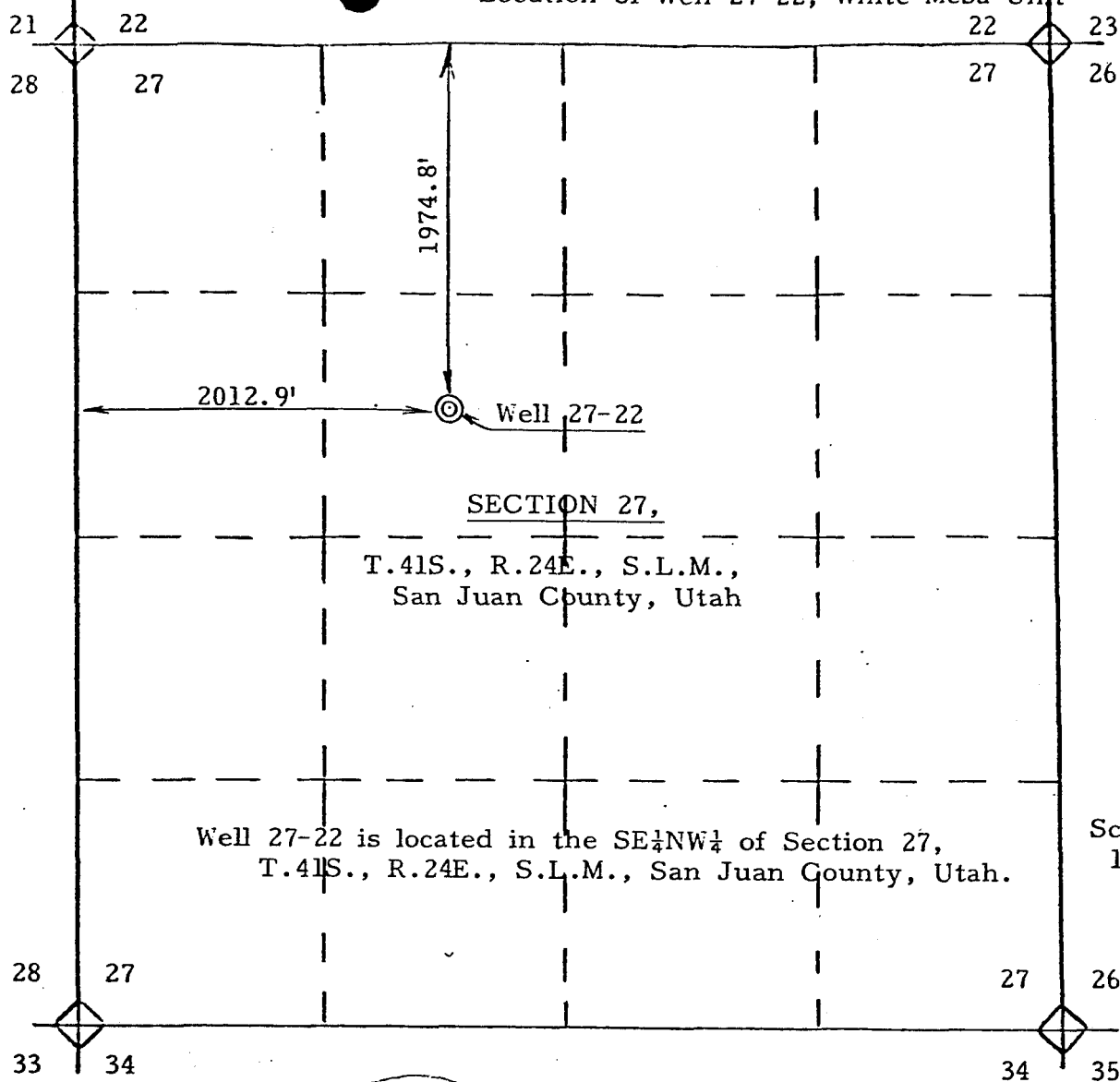
APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side



Elevations are based on elevations
of existing wells.
Bearing is based on the bearing of the
north line of Section 4, T.42S., R.24E.
This bearing is east-west.

KNOW ALL MEN BY THESE PRESENTS:

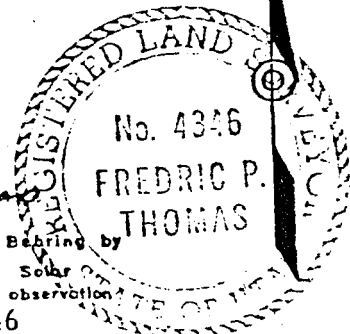
THAT I, FREDRIC P. THOMAS

do hereby certify that I prepared this plat from an
actual and accurate survey of the land and that the
same is true and correct to the best of my knowledge
and belief.

FREDRIC P. THOMAS
Reg. L.S. and P.E.
Colo. Reg. No. 6728

Plat No. 7

Utah Reg. No. 4346



THOMAS Engineering Inc.

215 N. Linden
Cortez, Colorado
565-4496

SUPPLEMENT TO FORM 3160-3

WELL: White Mesa Unit #27-22

ELEVATION: 4650.1' ungraded ground level

SURFACE FORMATION: Dakota

ESTIMATED FORMATION TOPS:	<u>Formation</u>	<u>Top</u>
	Chinle	1363'
	DeChelly	2429'
	Organ Rock	2660'
	Hermosa	4383'
	Ismay	5219'
	Lower Ismay	5332'
	Gothic Shale	5366'
	Desert Creek	5392'
	Chimney Rock Shale	5553'
	TD	5593'

WATER BEARING FORMATION: Fresh water is expected to be encountered intermittently from 120' to 1363'.

HYDROCARBON BEARING FORMATION: Oil & gas could be encountered in the Ismay and Desert Creek from 5219' to 5553'.

MUD PROGRAM:

- Surface to 100' - spud mud.
- 100' to 1400' - fresh water.
- 1400' to 2300' - fresh water/gel/polymer.
- 2300' to 5200' - lignosulfonate mud system.
- 5200' to TD - lignosulfonate mud system. Water loss controlled to 15 cc or less and weighted with barite as necessary.

CASING PROGRAM:	<u>Depth</u>	<u>Size</u>	<u>O. D.</u>	<u>Weight</u>	<u>Grade</u>	<u>Type</u>
Conductor	0-120'	17-1/2"	13-3/8"	54.5#	K-55	ST&C
Surface	0-1400'	12-1/4"	9-5/8"	36#	K-55	ST&C
Production	0-5593'	8-3/4"	7"	23#	K-55	ST&C

ALL CASING WILL BE NEW.

WMU #27-22
(2)

CEMENT PROGRAM:

Conductor - cement to surface w/ 150 sx (127 ft³)
Class 'B' + 2% CaCl.

Surface - cement to surface w/ 380 sx (206 ft³)
Lite + 10#/sk Gilsonite + .4% LoDense +
5#/sk LCM & 150 sx (127 ft³) Class 'B'
+2% CaCl.

Production - 500 sx (423 ft³) Class 'B' + 1.7%
D-29 (antimigration additive) + .3%
R-5 (retarder). Est TOC: 4200'.

PRESSURE CONTROLS:

Blowout preventer equipment will be 10" Series
900 (3000 psig working pressure) with blind rams
and drill pipe rams hydraulically and manually
controlled. The BOP's will be tested to 1500 psig
and actuated daily to insure proper functioning.
The schematic of the pressure control equipment can
be seen on the attached diagram.

LOGGING PROGRAM:

DIL/SFL: TD to 1400'.

CNL/FDC: TD to 5000'.

MICROLOG: TD to 5000'.

BHC Sonic: TD to 5000'.

HIGH PRESSURE AND/OR H₂S GAS: High pressure gas or gas containing detectable
H₂S are not anticipated while drilling
this well.

DRILL STEM TESTS:

None anticipated at this time.

CORING:

Desert Creek (5390'-5563').

ANTICIPATED STARTING DATE: October, 1984.

SUPERIOR OIL

September 12, 1984

Mr. Mat N. Millenbach
Area Manager
U. S. Department of Interior
Bureau of Land Management
Caller Service 4104
Farmington, New Mexico 87499

Re: Surface Use Development Plan
Proposed Well
White Mesa Unit #27-22
1975' FNL, 2013' FWL
Section 27, T41S, R24E SLM
San Juan County, Utah

Gentlemen:

We submit the following Application with Plats for permission to drill the referenced well.

1. The existing roads are shown on the attached Plat No. 3. Direction to the location from Montezuma Creek, Utah are as follows:

From the San Juan River Bridge at Montezuma Creek go south on the black top 0.4 miles to the Red Mesa Highway. Go southeast 2.5 miles to a gravel road on the left. Proceed southwest on the gravel road 2.8 miles to the pipeyard. Turn right 200' to the location. (Refer to Plat No. 3).

2. An access road will be constructed approximately 200' long.
(Refer to Plat No. 3).
3. Location of existing wells within one mile (refer to Plat No. 5).
 - a. Water wells - none.
 - b. Abandoned wells - 9.
 - c. Temporarily abandoned wells -9.
 - d. Disposal wells - none.
 - e. Drilling wells - none.
 - f. Producing wells - 7.
 - g. Shut-in wells - none.
 - h. Injection wells -none.

SUPERIOR OIL

4. There are no existing producing facilities owned & controlled by Superior Oil within a one-mile radius. A 7,500' flowline will be laid southwest from the proposed location to a facility. (Refer to Plat No. 4).
5. Location and type of water supply will be from Superior's McElmo Creek Unit fresh water supply wells near the San Juan River (SW 1/4 Sec. 17, T41S, R25E SLM). Water will be trucked to the location over existing roads and access road to be built.
6. Source of construction materials necessary to build the drilling pad will be obtained from the location. If gravel is needed to maintain existing road or to top off the drilling pad it will be trucked from a privately owned gravel pit 0.25 miles west of Montezuma Creek.
7. Methods of handling waste disposal is to collect it in an earthen pit 6' to 8' deep with steep sides and fenced with small mesh wire and located near the mud pit. The reserved mud pit will be located on the south side of the location. When drilling operations are complete the mud pits will be allowed to dry and then backfilled and leveled to the contour of the original landscape. The reserve pit will be fenced on three sides while drilling and on the fourth side as soon as the drilling rig moves out. OSHA approved chemical toilets will be provided and maintained. (Refer to Plat No. 6 & 7).
8. Ancillary facilities. No permanent campsites or airstrips will be constructed. Two small portable trailer houses for Superior's and contractors drilling Supervisory personnel will be on the location while drilling the well. (Refer to Plat No. 6).
9. Wellsite layout. The location and position of all drilling equipment is shown on the attached plat. There is also a plat attached showing the cross section diagram of the drill pad including all cuts and fills. Material from the location will be used for pad elevation. (Refer to Plats No. 6, 7, 8, & 9).
10. Plans for restoration of the surface. Upon completion of drilling operations the site and unused portion of the access road will be restored to the contour of the original landscape and seeded in accordance with the BIA requirements.
11. Surface land is owned by the Navajo Tribe and is used primarily for grazing. Vegetation is sparse desert type ground cover. There are no Indian habitations or artifacts in the immediate vicinity of the access road, flowline or drill site.

SUPERIOR OIL

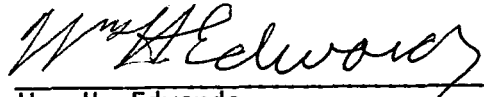
12. Superior's representatives:

Permitting - Wm. H. Edwards
Construction - C. D. Likes
Drilling - J. E. Gagneaux
Production - D. C. Collins
Mailing address - P. O. Drawer 'G', Cortez, Colorado 81321
Telephone (24 hours) - 303-565-3733
Dirt Contractor - Perry McDonald Construction
P. O. Box 1750, Cortez, Colorado 81321
Telephone - 303-565-3656
Drilling Contractor - not determined at this time.

13. I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by the SUPERIOR OIL COMPANY and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

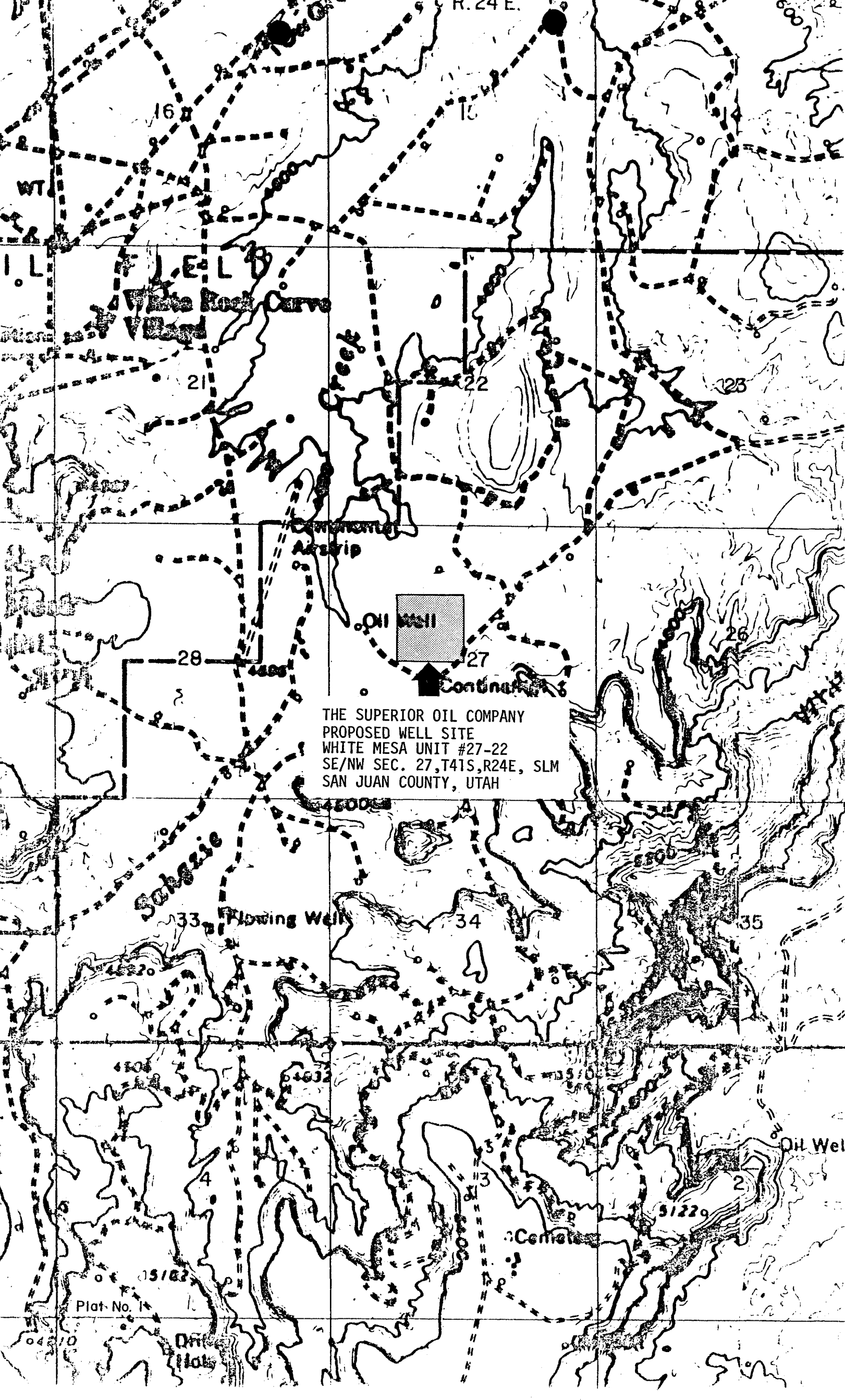
Respectfully submitted,

SUPERIOR OIL COMPANY

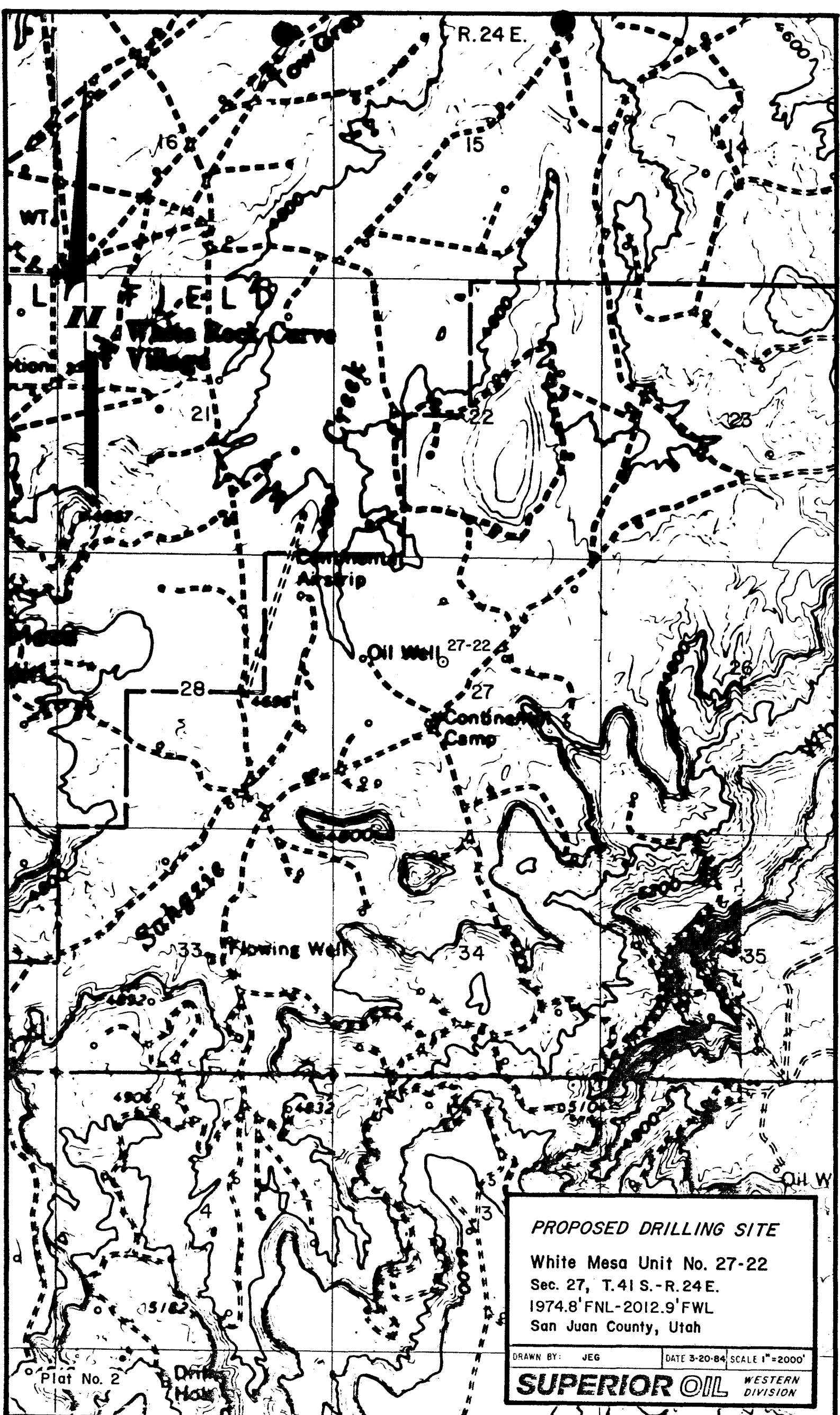


Wm. H. Edwards
Special Projects Superintendent

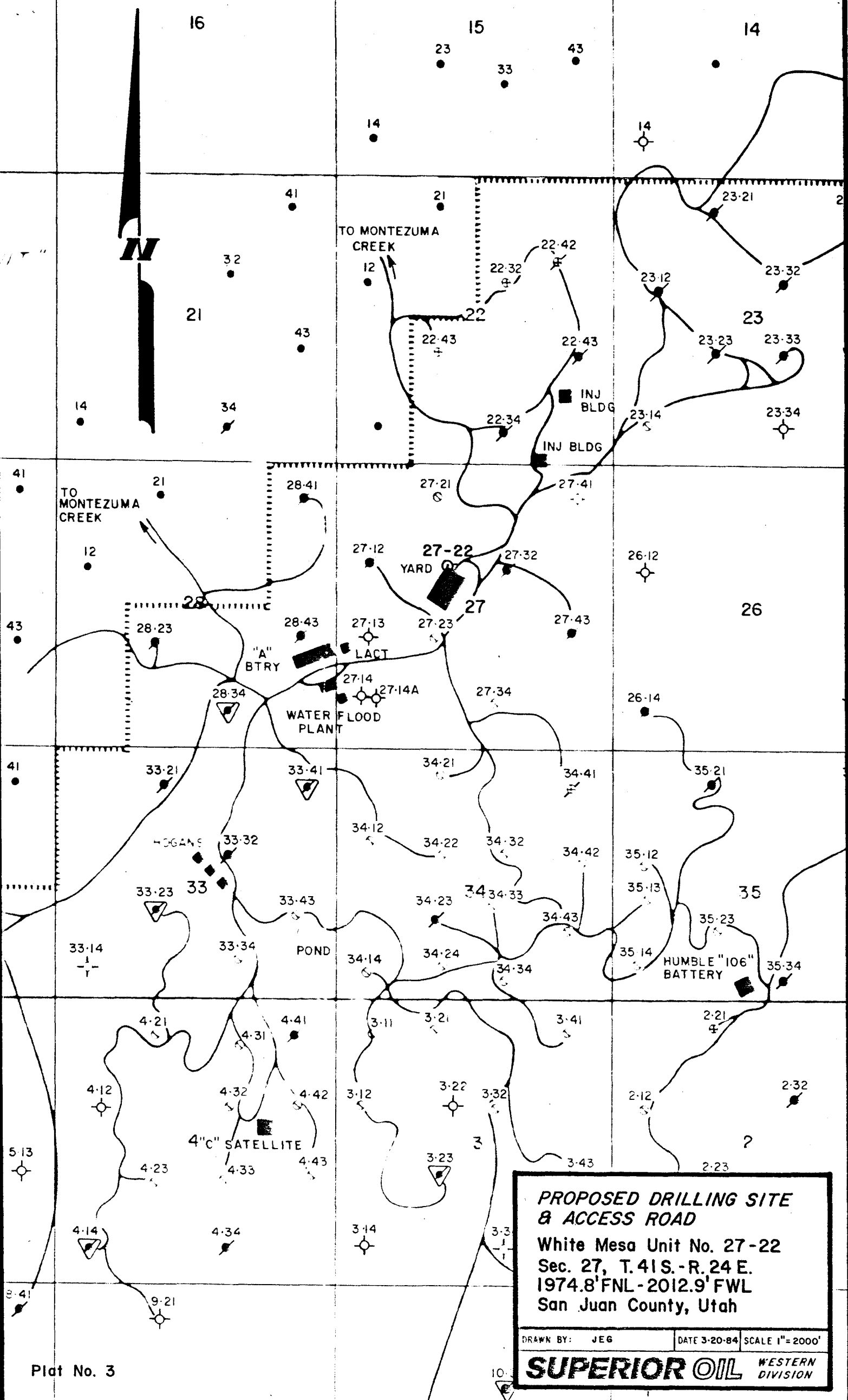
WHE/1h



THE SUPERIOR OIL COMPANY
PROPOSED WELL SITE
WHITE MESA UNIT #27-22
SE/NW SEC. 27, T41S, R24E, SLM
SAN JUAN COUNTY, UTAH



R 24 E



**PROPOSED DRILLING SITE
& ACCESS ROAD**

White Mesa Unit No. 27-22
Sec. 27, T.41S.-R.24E.
1974.8'FNL-2012.9'FWL
San Juan County, Utah

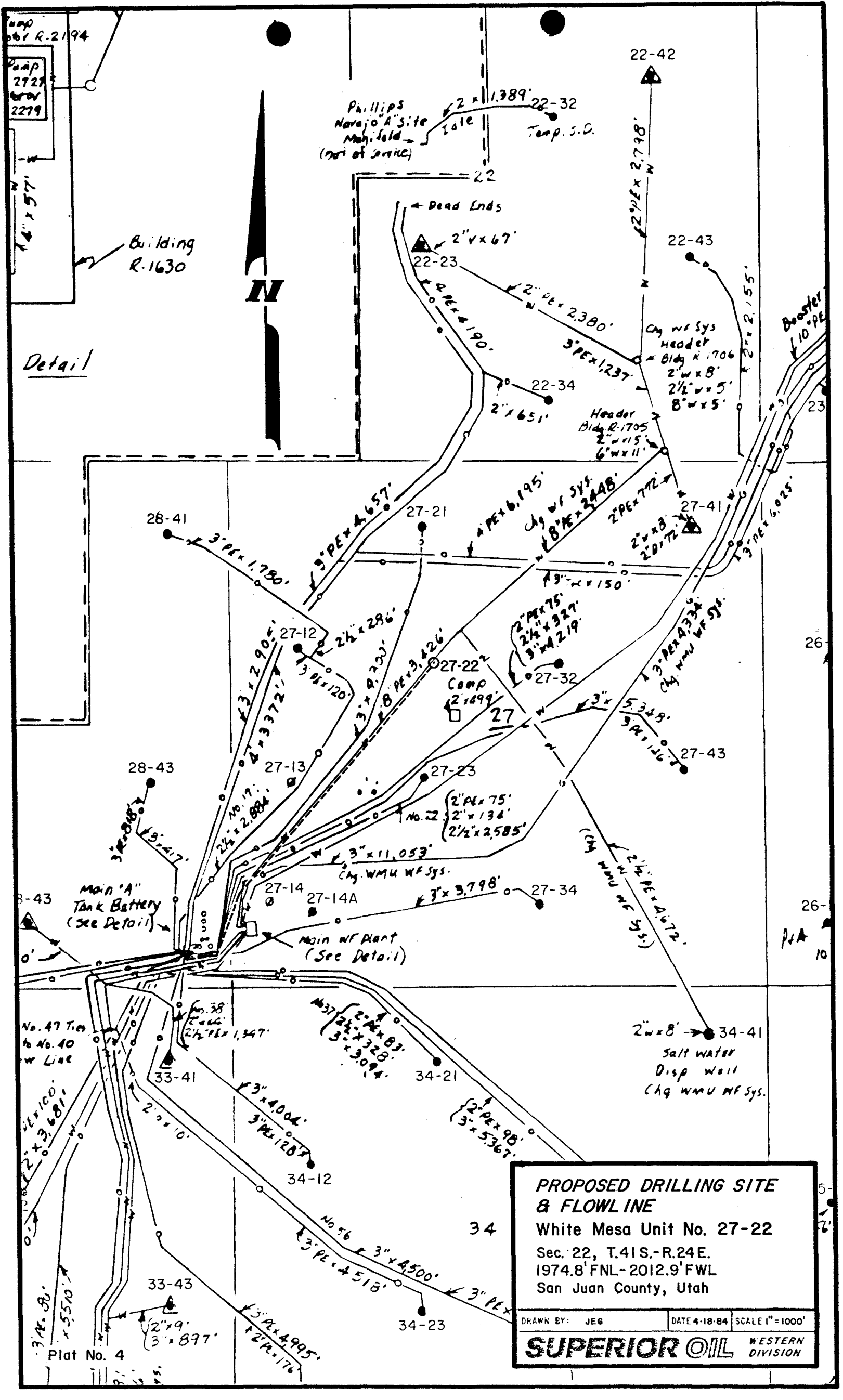
DRAWN BY: JEG

DATE 3-20-84

SCALE 1"=2000'

SUPERIOR OIL

WESTERN
DIVISION



map
R-2194

map
2727
2279

14" x 57"

Building
R-1630

Detail

N

Phillips
Navajo "A" site
Manifold
(not of service)

22-32
Temp. S.D.

22-42

22-43

Chg. WF Sys.
Header
Bldg. R-1706
2" x 8"
2 1/2" x 5"
8" x 5"

Header
Bldg. R-1705
2" x 15"
6" x 11"

Booster
10" PE

28-41

27-21

27-41

28-43

27-13

27-23

27-43

Main "A"
Tank Battery
(See Detail)

Main WF Plant
(See Detail)

No. 47 Tie
to No. 40
W Line

33-41

34-21

2" x 8"
Salt Water
Disp. Well
Chg. WMU WF Sys.

34-12

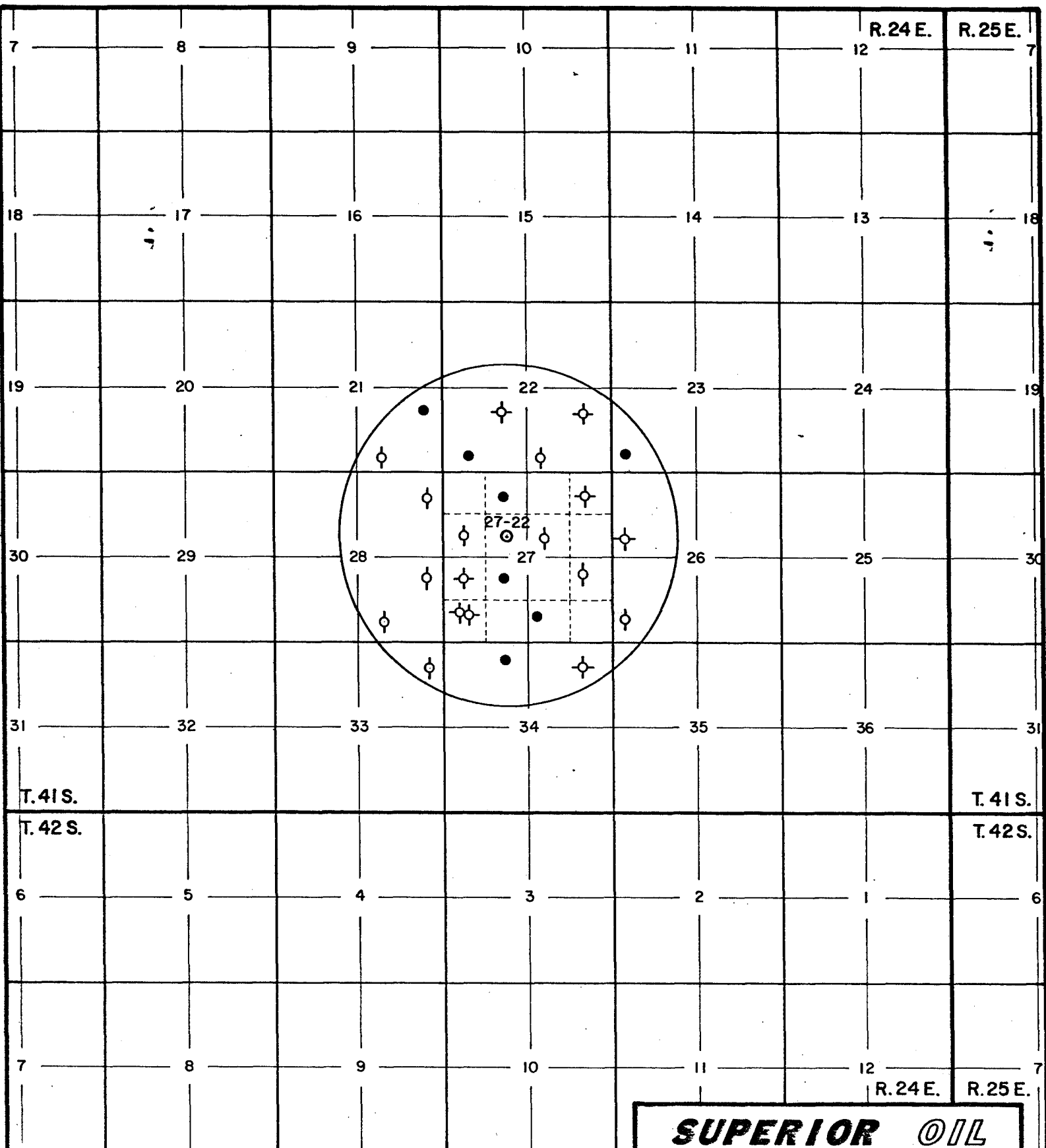
34-23

33-43

Plat No. 4

PROPOSED DRILLING SITE
& FLOWLINE
White Mesa Unit No. 27-22
Sec. 22, T.41 S.-R.24 E.
1974.8' FNL-2012.9' FWL
San Juan County, Utah

DRAWN BY: JEG DATE 4-18-84 SCALE 1"=1000'
SUPERIOR OIL WESTERN DIVISION



T.41S.

T.41S.

T.42S.

T.42S.

7

8

9

10

11

12

R.24 E.

R.25 E.

SUPERIOR OIL

EXISTING WELLS
SURROUNDING
PROPOSED WELL

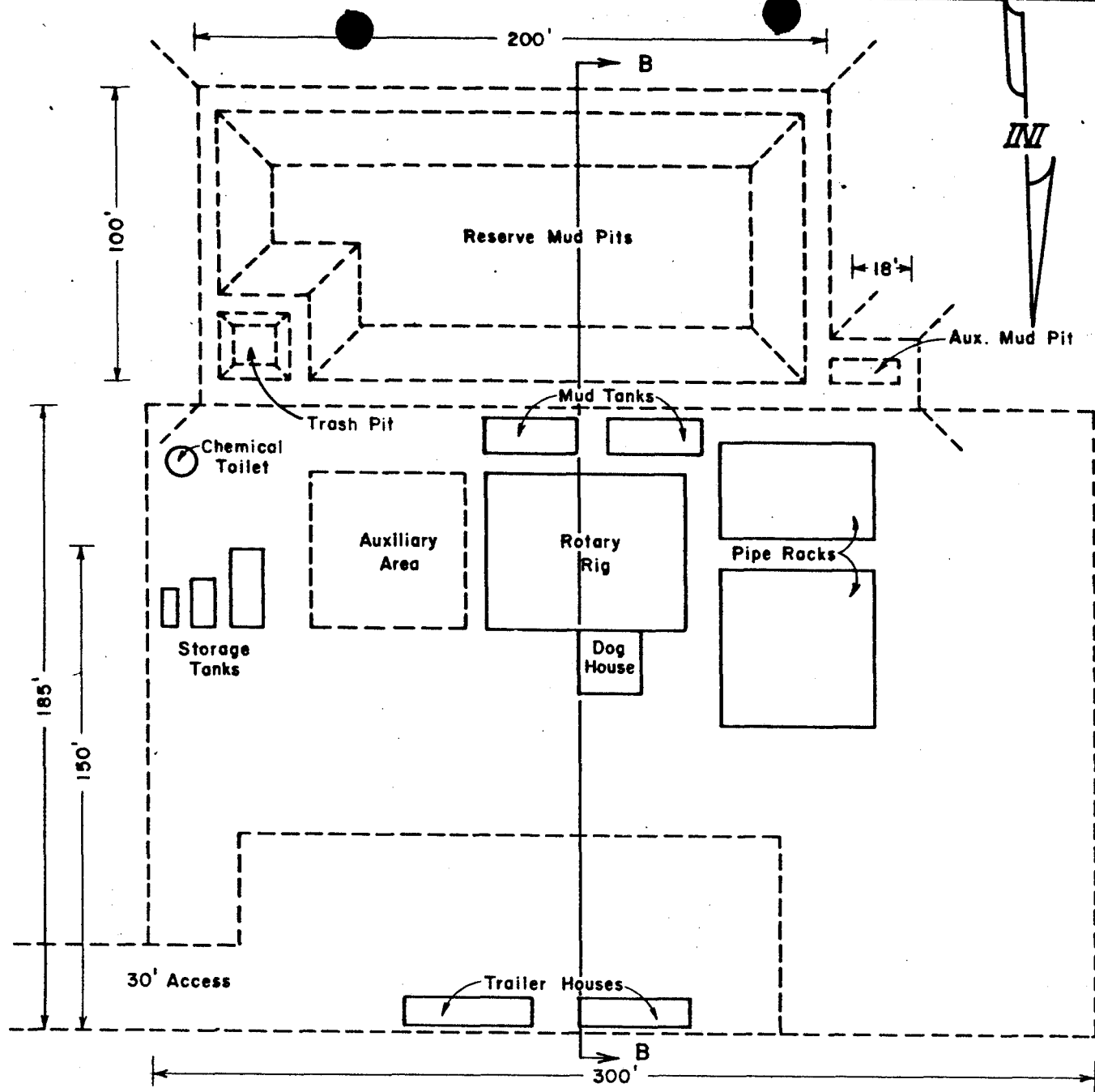
0 1/2 1 mile

By: JEG

Date: 3/20/84

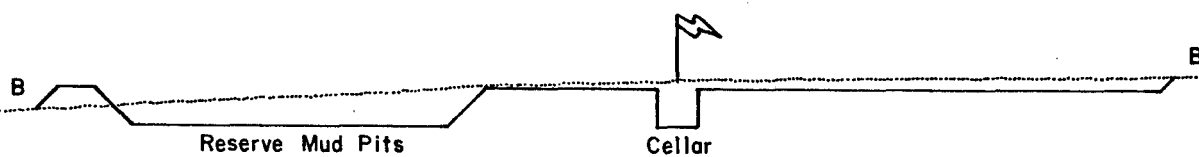
Plat No. 5

- Proposed Well
- Producing Well
- ☼ Gas Well
- ⊕ Water Injection Well
- ⊙ Temporarily Abandoned
- ⊕ Plugged and Abandoned



The Drilling Pad will be graded and compacted, and composed of native materials.

PROPOSED WELL SITE
W.M.U. 27-22
Original Elev. 4650.1'



Original Contour _____
Reference Point _____
Graded Proposal _____

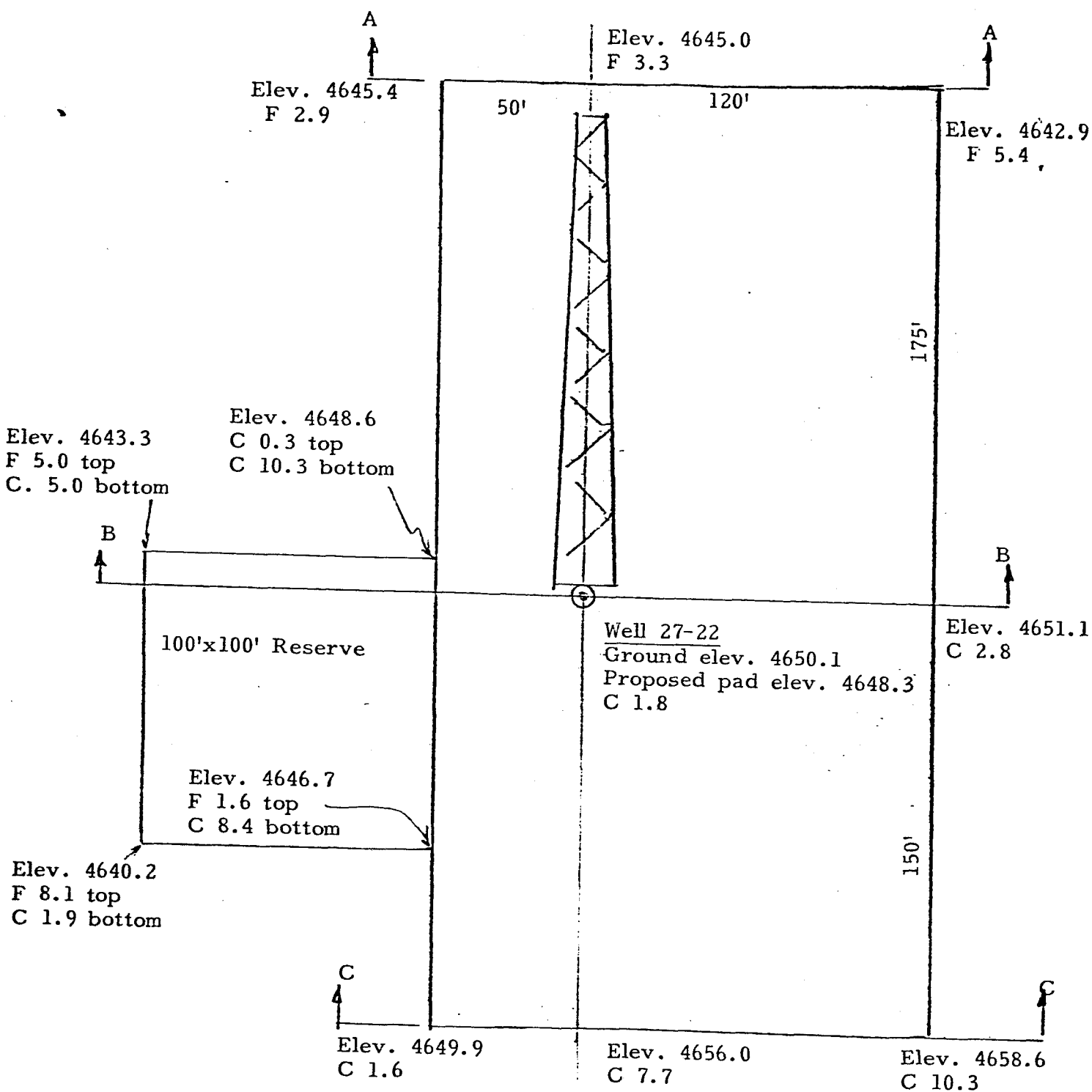
THE SUPERIOR OIL CO.
CORTEZ-CASPER DISTRICT
ENGINEERING DEPARTMENT

**RIG LAYOUT & DRILL
PAD CROSS SECTION**

White Mesa Unit No. 27-22
Sec. 27, T.41S.-R.24E.
San Juan County, Utah

BY JEG DATE 3/20/84
SCALE 1" = 80' REVISED

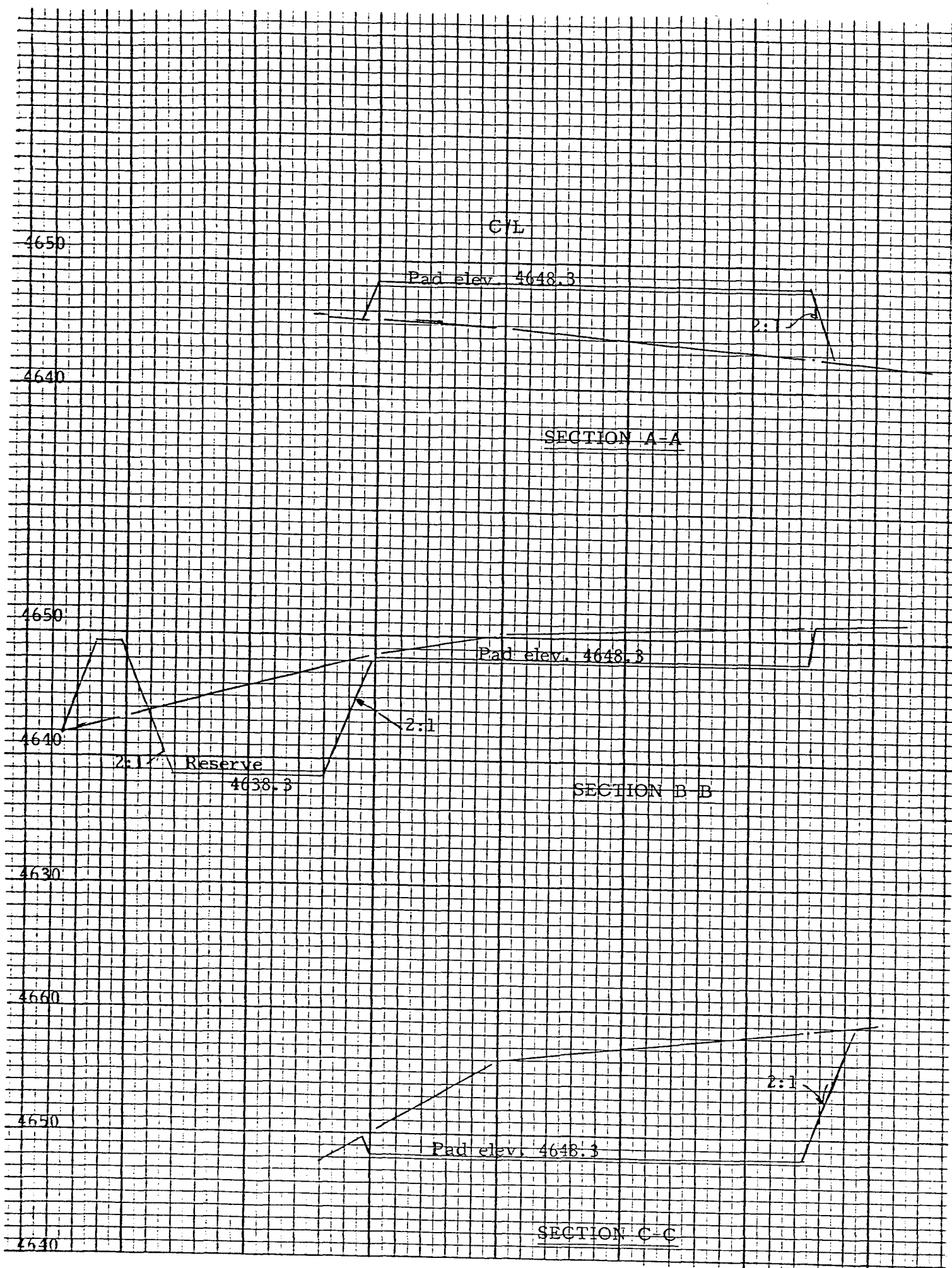
April 10, 1984



Scale: 1" = 50'

THOMAS Engineering Inc.

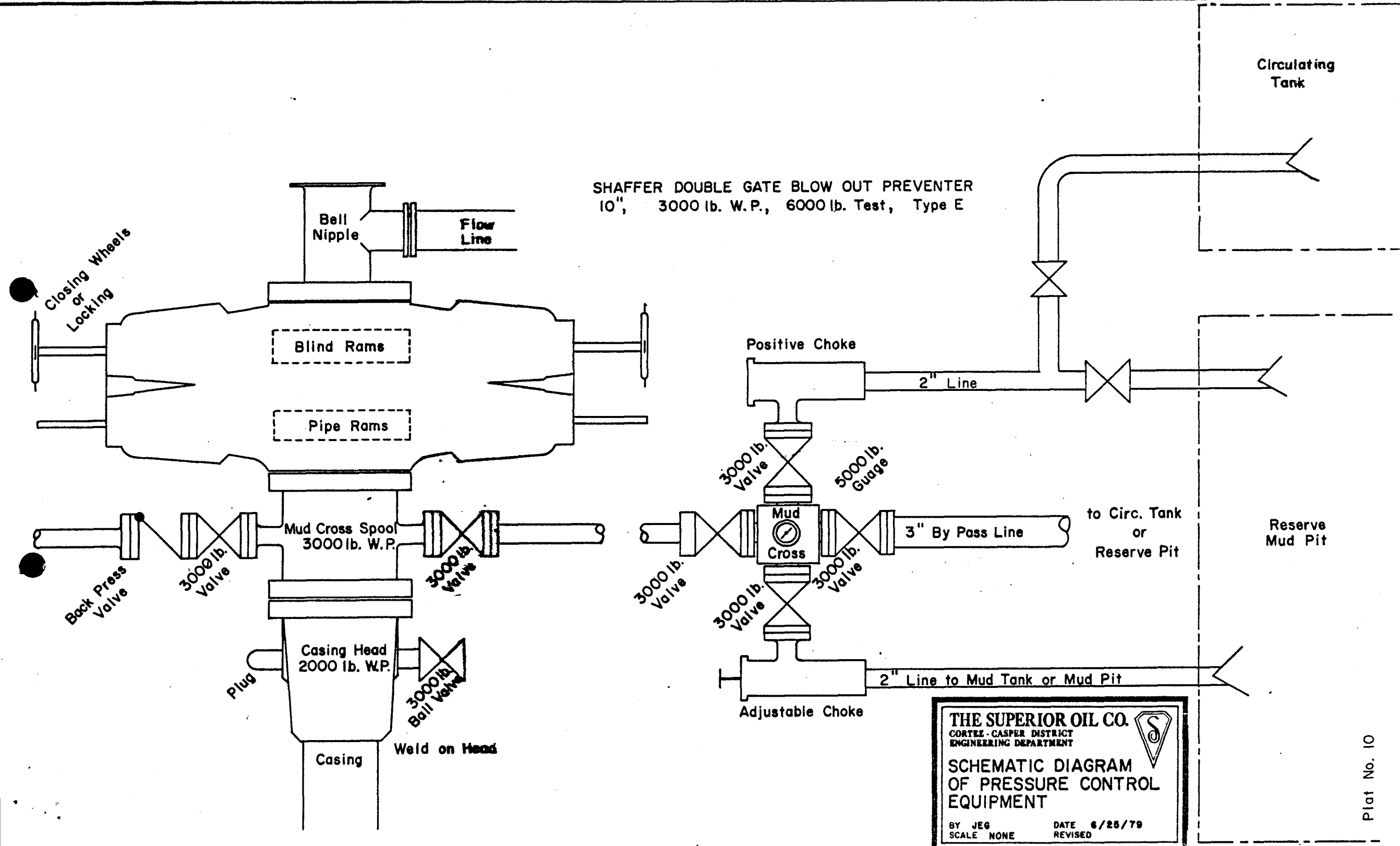
25 N. Linden
Cortez, Colorado
365-4496



Horizontal scale: 1" = 50'
Vertical scale: 1" = 10'

THOMAS Engineering Inc.

25 N. Linden
Cortez, Colorado
565-4496



CORE ANALYSIS REPORT

FOR

THE SUPERIOR OIL COMPANY

WHITE MESA UNIT # 27-22
GREATER ANETH FIELD
SAN JUAN, UTAH

RECEIVED

DEC 30 1984

DIVISION OF
OIL, GAS & MINING

CORE LABORATORIES, INC.
Petroleum Reservoir Engineering

DALLAS, TEXAS

PAGE 1

THE SUPERIOR OIL COMPANY
 WHITE MESA UNIT # 27-22
 GREATER ANETH FIELD
 SAN JUAN, UTAH

DATE : 3-DEC-1984
 FORMATION : DESERT CREEK
 DRLG. FLUID: WBM
 LOCATION : SE,NW SEC. 27-T41S-R24E

FILE NO : 3803-003363
 ANALYSTS : DS:EV
 ELEVATION: 4650 G.L.

FULL DIAMETER ANALYSIS-B.L. POROSITY

SAMPLE NUMBER	DEPTH	PERM. TO MAXIMUM	AIR (MD) 90 DEG	POR. He	FLUID OIL	SATS. WTR	GRAIN DEN	DESCRIPTION
	5395.0-00.0							SHALE -- NO ANALYSIS
1	5400.0-01.0	<0.01	*	0.9	0.0	47.3	2.74	LM GRY VFXLN PYR
	5401.0-02.0							LM/SHALE -- NO ANALYSIS
2	5402.0-03.0	<0.01	*	1.7	0.0	60.1	2.69	LM GRY VFXLN SL/SHY
	5403.0-04.0							LM/SHALE -- NO ANALYSIS
3	5404.0-05.0	<0.01	*	0.9	0.0	37.3	2.70	LM GRY VFXLN
	5405.0-06.0							LM/SHALE -- NO ANALYSIS
4	5406.0-07.0	<0.01	*	0.9	0.0	42.0	2.69	LM GRY VFXLN SL/SHY
	5407.0-08.0							LM/SHALE -- NO ANALYSIS
5	5408.0-09.0	<0.01	*	1.2	0.0	65.8	2.71	LM GRY VFXLN
	5409.0-10.0							LM/SHALE -- NO ANALYSIS
6	5410.0-11.0	<0.01	*	0.5	0.0	79.8	2.71	LM GRY VFXLN
	5411.0-16.0							ANHYDRITE -- NO ANALYSIS
7	5416.0-17.0	0.46	*	13.1	14.4	20.6	2.83	DOL BRN FNXLN FUS
8	5417.0-18.0	0.28	*	12.0	21.1	15.2	2.83	DOL BRN FNXLN
9	5418.0-19.0	<0.01	*	1.0	0.0	36.1	2.70	LM GRY VFXLN
10	5419.0-20.0	<0.01	*	2.5	11.6	69.6	2.78	LM GRY VFXLN SL/DOL
11	5420.0-21.0	0.05	0.05	7.2	30.6	19.2	2.80	DOL BRN FNXLN SL/CALC
12	5421.0-22.0	0.03	0.03	4.2	11.8	23.6	2.77	LM LTBRN VFXLN SL/DOL
13	5422.0-23.0	0.01	*	1.3	0.0	31.5	2.74	LM GRY VFXLN SL/DOL
14	5423.0-24.0	0.92	0.26	1.0	0.0	20.6	2.74	LM GRY VFXLN SL/DOL **
15	5424.0-25.0	0.05	0.03	1.1	0.0	27.2	2.75	LM GRY VFXLN SL/DOL
16	5425.0-26.0	0.26	0.13	1.1	0.0	62.1	2.75	LM GRY VFXLN SL/DOL **
17	5426.0-27.0	<0.01	*	1.2	0.0	52.0	2.76	LM GRY VFXLN SL/DOL
18	5427.0-28.0	0.02	0.01	2.7	0.0	51.9	2.82	DOL BRN VFXLN SL/CALC
19	5428.0-29.0	0.12	0.01	7.5	0.0	73.6	2.84	DOL BRN FNXLN **
20	5429.0-30.0	0.02	0.01	5.5	0.0	78.7	2.82	DOL BRN FNXLN SL/CALC
21	5430.0-31.0	0.62	0.46	14.4	0.0	77.3	2.84	DOL BRN FNXLN

CORE LABORATORIES, INC. Petroleum Reservoir Engineering

DALLAS, TEXAS

THE SUPERIOR OIL COMPANY
WHITE MESA UNIT # 27-22

DATE : 3-DEC-1984
FORMATION : DESERT CREEK

FILE NO : 3803-003363
ANALYSTS : DS;EV

FULL DIAMETER ANALYSIS-B.L. POROSITY

SAMPLE NUMBER	DEPTH	PERM. TO MAXIMUM	AIR (MD) 90 DEG	POR. He	FLUID OIL	SATS. WTR	GRAIN DEN	DESCRIPTION		
22	5431.0-32.0	1.64	1.49	15.9	35.0	33.6	2.81	DOL	BRN	FNXLN
23	5432.0-33.0	1.95	1.53	16.4	30.9	30.9	2.81	DOL	BRN	FNXLN
24	5433.0-34.0	3.12	3.12	16.8	25.8	30.3	2.82	DOL	BRN	FNXLN
25	5434.0-35.0	5.51	5.38	18.8	26.6	25.6	2.81	DOL	BRN	FNXLN
26	5435.0-36.0	2.94	2.84	17.7	29.3	25.9	2.83	DOL	BRN	FNXLN
27	5436.0-37.0	5.92	5.47	19.2	29.3	26.2	2.83	DOL	BRN	FNXLN
28	5437.0-38.0	3.72	*	13.4	18.5	11.1	2.82	DOL	BRN	FNXLN SL/CALC
29	5438.0-39.0	166.	152.	22.2	25.7	20.6	2.80	DOL	BRN	FNXLN SL/CALC
30	5439.0-40.0	203.	179.	26.3	24.9	29.1	2.81	DOL	BRN	FNXLN SL/CALC
31	5440.0-41.0	1.25	*	14.5	35.3	26.9	2.82	DOL	BRN	FNXLN SL/CALC
32	5441.0-42.0	0.05	*	3.4	16.0	17.8	2.71	LM	GRY	VFXLN
33	5442.0-43.0	0.28	0.23	3.3	12.1	13.8	2.76	LM	GRY	VFXLN SL/DOL
34	5443.0-44.0	0.31	0.11	3.2	0.0	18.6	2.73	LM	GRY	VFXLN SL/DOL
35	5444.0-45.0	2.89	1.76	8.2	0.0	78.6	2.71	LM	GRY	VFXLN
36	5445.0-46.0	1.04	0.58	8.8	19.6	23.6	2.71	LM	GRY	VFXLN
37	5446.0-47.0	1.24	0.54	5.7	7.3	37.7	2.70	LM	GRY	VFXLN
38	5447.0-48.0	4.62	4.24	11.6	21.1	24.1	2.72	LM	GRY	VFXLN SL/VUG
39	5448.0-49.0	5.27	5.02	9.7	20.7	23.7	2.71	LM	GRY	VFXLN SL/VUG
40	5449.0-50.0	0.48	0.32	7.3	16.5	25.1	2.72	LM	GRY	VFXLN SL/VUG
41	5450.0-51.0	1.80	0.83	5.0	12.6	33.6	2.70	LM	GRY	VFXLN SL/VUG
42	5451.0-52.0	1.31	1.18	3.8	2.2	43.7	2.71	LM	GRY	VFXLN SL/VUG
43	5452.0-53.0	0.09	0.07	3.0	23.0	26.6	2.76	LM	GRY	VFXLN SL/DOL
44	5453.0-54.0	21.	20.	21.8	21.9	36.5	2.83	DOL	BRN	FNXLN
45	5454.0-55.0	14.	14.	20.4	20.4	36.9	2.82	DOL	BRN	FNXLN
46	5455.0-56.0	19.	19.	19.4	24.3	49.5	2.83	DOL	BRN	FNXLN
47	5456.0-57.0	18.	17.	22.4	21.3	53.6	2.83	DOL	BRN	FNXLN
48	5457.0-58.0	8.82	*	19.2	20.5	37.4	2.84	DOL	BRN	FNXLN
49	5458.0-59.0	8.42	6.45	19.7	21.8	45.8	2.81	DOL	BRN	FNXLN
50	5459.0-60.0	19.	16.	19.9	21.0	44.5	2.83	DOL	BRN	FNXLN OVF
51	5460.0-61.0	19.	18.	24.7	22.3	46.7	2.83	DOL	BRN	FNXLN

**

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CORE LABORATORIES, INC. Petroleum Reservoir Engineering

DALLAS, TEXAS

THE SUPERIOR OIL COMPANY
WHITE MESA UNIT # 27-22

DATE : 3-DEC-1984
FORMATION : DESERT CREEK

FILE NO : 3803-003363
ANALYSTS : DS:EV

FULL DIAMETER ANALYSIS-B.L. POROSITY

SAMPLE NUMBER	DEPTH	PERM. TO MAXIMUM	AIR (MD) 90 DEG	POR. He	FLUID OIL	SATS. WTR	GRAIN DEN	DESCRIPTION
52	5461.0-62.0	6.18	*	21.2	26.5	40.6	2.83	DOL BRN FNXLN
53	5462.0-63.0	15.	*	22.4	22.9	45.8	2.82	DOL BRN FNXLN
54	5463.0-64.0	3.20	3.15	12.0	15.2	20.3	2.82	DOL BRN FNXLN
55	5464.0-65.0	<0.01	*	1.4	16.8	17.7	2.71	LM-DOL LTBRN VFXLN CVF
56	5465.0-66.0	0.09	*	6.1	24.7	38.8	2.74	LM BRN FNXLN SL/DOL STYL CVF
57	5466.0-67.0	1.04	*	10.2	21.1	45.3	2.74	LM BRN FNXLN SL/DOL
58	5467.0-68.0	0.03	*	5.2	0.0	54.0	2.73	LM BRN FNXLN SL/DOL
59	5468.0-69.0	0.02	0.01	0.6	0.0	34.2	2.71	LM GRY VFXLN
60	5469.0-70.0	<0.01	*	0.6	0.0	28.9	2.72	LM GRY VFXLN
61	5470.0-71.0	0.05	0.02	0.9	0.0	33.6	2.71	LM GRY VFXLN
62	5471.0-72.0	0.02	0.01	0.4	0.0	29.4	2.71	LM GRY VFXLN
63	5472.0-73.0	0.02	<0.01	1.1	0.0	20.0	2.72	LM GRY VFXLN
64	5473.0-74.0	<0.01	*	1.0	0.0	27.0	2.72	LM GRY VFXLN
65	5474.0-75.0	<0.01	*	1.4	0.0	45.1	2.73	LM GRY VFXLN
66	5475.0-76.0	0.02	<0.01	0.8	0.0	22.9	2.72	LM GRY VFXLN
67	5476.0-77.0	1.07	0.56	1.1	0.0	34.8	2.73	LM GRY VFXLN
68	5477.0-78.0	<0.01	*	2.1	0.0	24.1	2.75	LM GRY VFXLN STYL SL/DOL
69	5478.0-79.0	0.01	<0.01	2.0	0.0	27.7	2.76	LM GRY VFXLN SL/DOL
70	5479.0-80.0	0.01	<0.01	2.8	0.0	10.2	2.74	LM GRY VFXLN STYL SL/DOL
71	5480.0-81.0	0.01	*	3.6	12.2	56.7	2.73	LM GRY VFXLN SL/DOL
72	5481.0-82.0	0.01	*	5.5	20.1	31.7	2.77	LM GRY VFXLN SL/DOL
73	5482.0-83.0	1.09	0.60	12.2	19.6	43.5	2.81	DOL BRN FNXLN SL/CALC SL/ANHY
74	5483.0-84.0	1.64	*	14.1	17.8	21.4	2.82	DOL BRN FNXLN SL/CALC SL/ANHY
75	5484.0-85.0	3.44	2.79	13.9	18.2	17.3	2.79	DOL BRN FNXLN SL/CALC SL/ANHY
76	5485.0-86.0	1.89	1.51	10.8	26.7	21.4	2.76	DOL BRN FNXLN SL/CALC SL/ANHY
77	5486.0-87.0	0.03	0.01	2.9	3.0	60.9	2.76	DOL BRN-GRY FNXLN SL/CALC
78	5487.0-88.0	0.01	<0.01	1.2	0.0	34.5	2.74	LM GRY VFXLN
79	5488.0-89.0	<0.01	*	2.0	0.0	22.3	2.76	LM GRY VFXLN SL/DOL
80	5489.0-90.0	0.04	0.02	3.6	0.0	58.0	2.76	LM GRY VFXLN SL/DOL
81	5490.0-91.0	0.01	<0.01	1.7	0.0	37.9	2.75	LM GRY-BRN VFXLN SL/ANHY SL/DOL

**

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CORE LABORATORIES, INC.
Petroleum Reservoir Engineering

DALLAS, TEXAS

THE SUPERIOR OIL COMPANY
 WHITE MESA UNIT # 27-22

DATE : 3-DEC-1984
 FORMATION : DESERT CREEK

FILE NO : 3803-003363
 ANALYSTS : DS:EV

FULL DIAMETER ANALYSIS-B.L. POROSITY

SAMPLE NUMBER	DEPTH	PERM. TO MAXIMUM	AIR (MD) 90 DEG	POR. He	FLUID OIL	SATS. WTR	GRAIN DEN	DESCRIPTION	
82	5491.0-92.0	<0.01	*	1.1	0.0	46.6	2.71	LM GRY VFXLN STYL	
83	5492.0-93.0	0.02	*	0.8	0.0	45.1	2.72	LM GRY VFXLN STYL	
84	5493.0-94.0	<0.01	*	0.4	0.0	42.8	2.72	LM GRY VFXLN	
85	5494.0-95.0	0.01	*	0.4	0.0	39.3	2.72	LM GRY VFXLN	
86	5495.0-96.0	<0.01	*	0.5	0.0	35.4	2.72	LM GRY VFXLN	
87	5496.0-97.0	<0.01	*	0.5	0.0	37.2	2.72	LM GRY VFXLN	
88	5497.0-98.0	0.01	<0.01	0.2	0.0	41.0	2.74	LM GRY VFXLN SL/ANHY	**
89	5498.0-99.0	<0.01	*	0.9	0.0	15.5	2.73	LM GRY VFXLN SL/ANHY	
90	5499.0-00.0	0.02	0.01	1.1	0.0	29.4	2.73	LM GRY VFXLN SL/ANHY	
91	5500.0-01.0	0.01	*	3.7	0.0	30.7	2.73	LM GRY VFXLN SL/ANHY	
92	5501.0-02.0	0.01	*	2.0	0.0	29.9	2.74	LM GRY VFXLN SL/ANHY STYL	
93	5502.0-03.0	0.03	0.01	1.4	0.0	49.4	2.73	LM GRY VFXLN SL/ANHY	
94	5503.0-04.0	0.12	0.07	11.4	0.0	55.1	2.81	DOL BUFF VFXLN SL/CALC	
95	5504.0-05.0	0.08	0.07	12.2	0.0	45.5	2.80	DOL BUFF VFXLN SL/CALC	
96	5505.0-06.0	2.27	0.06	9.8	0.0	54.7	2.80	DOL BUFF VFXLN SL/CALC	**
97	5506.0-07.0	0.10	0.10	11.1	0.0	35.2	2.81	DOL BUFF VFXLN SL/CALC	
98	5507.0-08.0	0.05	0.04	6.5	0.0	88.4	2.81	DOL BUFF VFXLN SL/CALC	
99	5508.0-09.0	0.01	<0.01	0.7	0.0	51.2	2.72	LM GRY VFXLN	
100	5509.0-10.0	0.02	0.01	1.2	0.0	61.9	2.71	LM GRY VFXLN	
101	5510.0-11.0	<0.01	*	1.8	0.0	40.2	2.71	LM GRY VFXLN STYL	
102	5511.0-12.0	0.03	0.02	3.8	0.0	41.0	2.71	LM GRY VFXLN	
103	5512.0-13.0	<0.01	*	2.4	0.0	52.5	2.71	LM GRY VFXLN STYL	
104	5513.0-14.0	<0.01	*	2.6	0.0	57.7	2.71	LM GRY VFXLN STYL	
	5514.0-15.0							CORE LOSS	
105	5515.0-16.0	62.	16.	10.7	14.2	35.5	2.71	LM GRY FNXLN VUG	
106	5516.0-17.0	6.09	4.68	6.3	15.0	45.0	2.71	LM GRY FNXLN VUG	
107	5517.0-18.0	1.23	1.17	5.1	10.2	40.8	2.72	LM GRY FNXLN VUG	
108	5518.0-19.0	0.51	0.36	3.8	15.4	44.5	2.71	LM GRY FNXLN VUG	
109	5519.0-20.0	2.78	2.10	8.3	12.9	43.0	2.71	LM GRY VFXLN VUG	
110	5520.0-21.0	7.12	3.62	7.9	13.1	45.0	2.71	LM GRY FNXLN SL/VUG	**

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CORE LABORATORIES, INC.
Petroleum Reservoir Engineering

DALLAS, TEXAS

THE SUPERIOR OIL COMPANY
 WHITE MESA UNIT # 27-22

DATE : 3-DEC-1984
 FORMATION : DESERT CREEK

FILE NO : 3803-003363
 ANALYSTS : DS:EV

FULL DIAMETER ANALYSIS-B.L. POROSITY

SAMPLE NUMBER	DEPTH	PERM. TO MAXIMUM	AIR (MD) 90 DEG	POR. He	FLUID OIL	SATS. WTR	GRAIN DEN	DESCRIPTION	
111	5521.0-22.0	3.08	1.11	5.6	13.5	42.3	2.71	LM GRY FNXLN	SL/VUG STYL
112	5522.0-23.0	2.14	1.73	10.1	12.0	38.1	2.71	LM GRY FNXLN	SL/VUG
113	5523.0-24.0	2.07	1.78	9.5	9.8	26.0	2.72	LM GRY FNXLN	SL/VUG
114	5524.0-25.0	1.15	0.93	8.0	19.6	42.0	2.71	LM GRY FNXLN	SL/VUG
115	5525.0-26.0	5.51	2.40	8.5	7.1	22.4	2.71	LM GRY FNXLN	SL/VUG
116	5526.0-27.0	1.48	1.32	6.8	9.2	26.3	2.73	LM GRY FNXLN	SL/VUG
117	5527.0-28.0	0.55	0.40	6.2	1.9	44.9	2.74	LM GRY FNXLN	SL/VUG
118	5528.0-29.0	0.67	0.48	5.4	13.8	27.7	2.73	LM GRY VFXLN	SL/DOL
119	5529.0-30.0	0.58	0.30	3.6	0.0	52.4	2.74	LM GRY VFXLN	SL/DOL
120	5530.0-31.0	0.38	0.36	5.9	19.6	39.1	2.76	LM GRY VFXLN	SL/DOL
121	5531.0-32.0	0.77	0.63	5.2	18.7	42.7	2.74	LM GRY VFXLN	SL/DOL
122	5532.0-33.0	0.38	0.34	4.4	28.3	32.3	2.75	LM GRY VFXLN	SL/DOL
123	5533.0-34.0	0.08	0.01	4.6	0.0	80.2	2.85	DOL BRN FNXLN	
124	5534.0-35.0	0.02	*	9.2	0.0	88.6	2.81	DOL BRN FNXLN	
125	5535.0-36.0	0.01	*	8.0	0.0	91.5	2.83	DOL BRN FNXLN	
126	5536.0-37.0	0.05	*	10.6	0.0	91.6	2.82	DOL BRN FNXLN	
127	5537.0-38.0	0.01	*	5.1	0.0	62.4	2.82	DOL BRN FNXLN	
128	5538.0-39.0	0.15	*	12.7	0.0	86.4	2.81	DOL BRN FNXLN	
129	5539.0-40.0	0.05	0.04	12.2	1.3	72.6	2.82	DOL BRN FNXLN	
130	5540.0-41.0	0.88	0.74	8.7	22.0	27.5	2.81	DOL BRN FNXLN	
131	5541.0-42.0	4.28	*	15.5	12.7	36.4	2.83	DOL BRN FNXLN	
132	5542.0-43.0	1.01	0.96	13.8	10.5	67.1	2.81	DOL BRN FNXLN	SL/CALC
133	5543.0-44.0	3.55	*	17.3	7.7	61.4	2.82	DOL BRN FNXLN	
134	5544.0-45.0	0.02	0.01	3.7	0.0	94.2	2.78	LM GRY VFXLN	SL/DOL STYL
135	5545.0-46.0	0.04	0.03	1.6	4.5	57.7	2.74	LM GRY VFXLN	STYL
136	5546.0-47.0	0.04	0.02	1.6	0.0	86.8	2.74	LM GRY VFXLN	
137	5547.0-48.0	0.28	0.10	1.3	0.0	63.8	2.74	LM GRY VFXLN	PYR **
138	5548.0-49.0	0.05	0.02	3.3	0.0	41.9	2.74	LM GRY VFXLN	
139	5549.0-50.0	0.35	0.33	1.9	0.0	57.0	2.74	LM GRY VFXLN	SL/ANHY STYL **
140	5550.0-51.0	<0.01	*	1.1	0.0	88.4	2.73	LM GRY VFXLN	SL/ANHY

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CORE LABORATORIES, INC.
Petroleum Reservoir Engineering

DALLAS, TEXAS

THE SUPERIOR OIL COMPANY
 WHITE MESA UNIT # 27-22

DATE : 3-DEC-1984
 FORMATION : DESERT CREEK

FILE NO : 3803-003363
 ANALYSTS : DS;EV

FULL DIAMETER ANALYSIS-B.L. POROSITY

SAMPLE NUMBER	DEPTH	PERM. TO AIR (MD) MAXIMUM	AIR (MD) 90 DEG	POR. He	FLUID SATS. OIL	WTR	GRAIN DEN	DESCRIPTION	
141	5551.0-52.0	0.28	0.07	4.7	1.3	75.5	2.82	DOL LTBRN-GRY VFXLN SL/CALC	**
142	5552.0-53.0	0.55	0.35	8.4	9.7	47.4	2.83	DOL BRN FNXLN	
143	5553.0-54.0	0.55	0.42	8.8	23.3	31.6	2.83	DOL BRN FNXLN	
144	5554.0-55.0	2.74	1.78	6.6	12.0	61.7	2.83	DOL BRN FNXLN	**
	5555.0-75.0							CORE LOSS	

** DENOTES FRACTURE PERMEABILITY

* SAMPLE NOT SUITABLE FOR FULL DIAMETER ANALYSIS

CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
DALLAS, TEXAS

THE SUPERIOR OIL COMPANY
WHITE MESA UNIT # 27-22

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*** CORE SUMMARY AVERAGES FOR 1 ZONE ***

DEPTH INTERVAL: 5416.0 TO 5555.0

FEET OF CORE ANALYZED : 138.0 FEET OF CORE INCLUDED IN AVERAGES: 120.0

-- SAMPLES FALLING WITHIN THE FOLLOWING RANGES WERE AVERAGED --

PERMEABILITY MAXIMUM RANGE (MD.)	:	0.00 TO 300.	(UNCORRECTED FOR SLIPPAGE)
HELIUM POROSITY RANGE (%)	:	0.0 TO 100.0	
OIL SATURATION RANGE (%)	:	0.0 TO 100.0	
WATER SATURATION RANGE (%)	:	0.0 TO 100.0	

SHALE SAMPLES EXCLUDED FROM AVERAGES.

AVERAGES FOR DEPTH INTERVAL: 5416.0 TO 5555.0

AVERAGE PERMEABILITY (MILLIDARCIES)		PRODUCTIVE CAPACITY (MILLIDARCY-FEET)	
ARITHMETIC PERMEABILITY	: 5.8	ARITHMETIC CAPACITY	: 696.
GEOMETRIC PERMEABILITY	: 0.37	GEOMETRIC CAPACITY	: 44.
HARMONIC PERMEABILITY	: 0.05	HARMONIC CAPACITY	: 5.8
GEOMETRIC MAXIMUM & 90 DEG PERM.	: 0.16	GEOMETRIC MAXIMUM & 90 DEG CAPACITY:	20.
AVERAGE POROSITY (PERCENT)	: 8.3	AVERAGE TOTAL WATER SATURATION (PERCENT OF PORE SPACE)	: 41.4
AVERAGE RESIDUAL OIL SATURATION (PERCENT OF PORE SPACE)	: 15.9	AVERAGE CONNATE WATER SATURATION (PERCENT OF PORE SPACE)	:

PERMEABILITY VS POROSITY

COMPANY: THE SUPERIOR OIL COMPANY
FIELD : GREATER ANETH FIELD

WELL : WHITE MESA UNIT # 27-22
COUNTY, STATE: SAN JUAN, UTAH

AIR PERMEABILITY : MD - HORIZONTAL (UNCORRECTED FOR SLIPPAGE)
POROSITY : PERCENT (HELIUM)

DEPTH INTERVAL	RANGE & SYMBOL	PERMEABILITY		POROSITY		POROSITY AVERAGE	PERMEABILITY AVERAGES		
		MINIMUM	MAXIMUM	MIN.	MAX.		ARITHMETIC	HARMONIC	GEOMETRIC
5416.0 - 5555.0	1 (+)	0.001	300.0	0.0	46.0	7.4	5.0	0.01	0.17

PERMEABILITY: MILLIDARCIES

0.01

0.1

1

10

100

0.0 4.0 8.0 12.0 16.0 20.0 24.0

POROSITY: PERCENT

PERMEABILITY VS. POROSITY

THE SUPERIOR OIL COMPANY

WHITE MESA UNIT # 27-22

GREATER ANETH FIELD

SAN JUAN, UTAH

STATISTICAL DATA FOR POROSITY AND PERMEABILITY HISTOGRAM

COMPANY: THE SUPERIOR OIL COMPANY
FIELD : GREATER ANETH FIELD

WELL : WHITE MESA UNIT # 27-22
COUNTY, STATE: SAN JUAN, UTAH

AIR PERMEABILITY : MD. (HORIZONTAL) RANGE USED 0.001 TO 300.
POROSITY : PERCENT (HELIUM) RANGE USED 0.0 TO 46.0

(PERMEABILITY UNCORRECTED FOR SLIPPAGE)

DEPTH LIMITS : 5416.0 - 5555.0 INTERVAL LENGTH : 139.0
FEET ANALYZED IN ZONE : 138.0 LITHOLOGY EXCLUDED : NONE

DATA SUMMARY

POROSITY AVERAGE	PERMEABILITY AVERAGES		
	ARITHMETIC	HARMONIC	GEOMETRIC
7.4	5.0	0.01	0.17

CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
DALLAS, TEXAS

STATISTICAL DATA FOR POROSITY AND PERMEABILITY HISTOGRAM

COMPANY: THE SUPERIOR OIL COMPANY
FIELD : GREATER ANETH FIELD

WELL : WHITE MESA UNIT # 27-22
COUNTY, STATE: SAN JUAN, UTAH

GROUPING BY POROSITY RANGES

POROSITY RANGE	FEET IN RANGE	AVERAGE POROSITY	AVERAGE PERM.		FREQUENCY (PERCENT)	CUMULATIVE FREQUENCY (%)
			(GEOM.)	(ARITH)		
0.0 - 2.0	36.0	1.0	0.018	0.093	26.1	26.1
2.0 - 4.0	23.0	3.0	0.032	0.148	16.7	42.8
4.0 - 6.0	15.0	5.1	0.197	0.667	10.9	53.6
6.0 - 8.0	10.0	6.8	0.513	1.9	7.2	60.9
8.0 - 10.0	13.0	8.8	0.815	1.9	9.4	70.3
10.0 - 12.0	8.0	10.8	0.960	9.0	5.8	76.1
12.0 - 14.0	10.0	12.7	0.568	1.3	7.2	83.3
14.0 - 16.0	5.0	14.9	1.5	1.9	3.6	87.0
16.0 - 18.0	4.0	17.1	2.8	2.9	2.9	89.9
18.0 - 20.0	6.0	19.4	9.8	11.	4.3	94.2
20.0 - 22.0	3.0	21.1	12.	14.	2.2	96.4
22.0 - 24.0	3.0	22.3	36.	66.	2.2	98.6
24.0 - 26.0	1.0	24.7	19.	19.	0.7	99.3
26.0 - 28.0	1.0	26.3	203.	203.	0.7	100.0

TOTAL NUMBER OF FEET = 138.0

CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
 DALLAS, TEXAS

PAGE 3

STATISTICAL DATA FOR POROSITY AND PERMEABILITY HISTOGRAM

COMPANY: THE SUPERIOR OIL COMPANY
 FIELD : GREATER ANETH FIELD

WELL : WHITE MESA UNIT # 27-22
 COUNTY, STATE: SAN JUAN, UTAH

GROUPING BY PERMEABILITY RANGES

PERMEABILITY RANGE	FEET IN RANGE	AVERAGE PERM. (GEOM.)	AVERAGE PERM. (ARITH)	AVERAGE POROSITY	FREQUENCY (PERCENT)	CUMULATIVE FREQUENCY (%)
0.005 - 0.010	18.0	0.005	0.005	1.4	13.0	13.0
0.010 - 0.020	14.0	0.010	0.010	2.7	10.1	23.2
0.020 - 0.039	16.0	0.023	0.023	2.8	11.6	34.8
0.039 - 0.078	11.0	0.047	0.047	4.7	8.0	42.8
0.078 - 0.156	8.0	0.101	0.104	8.6	5.8	48.6
0.156 - 0.312	6.0	0.281	0.282	4.3	4.3	52.9
0.312 - 0.625	11.0	0.484	0.492	7.1	8.0	60.9
0.625 - 1.250	12.0	0.994	1.0	7.1	8.7	69.6
1.250 - 2.500	11.0	1.7	1.8	10.6	8.0	77.5
2.500 - 5.000	12.0	3.3	3.4	12.2	8.7	86.2
5.- 10.	9.0	6.4	6.5	14.5	6.5	92.8
10.- 20.	6.0	17.	17.	21.5	4.3	97.1
20.- 40.	1.0	21.	21.	21.8	0.7	97.8
40.- 80.	1.0	62.	62.	10.7	0.7	98.6
160.- 320.	2.0	184.	185.	24.3	1.4	100.0

TOTAL NUMBER OF FEET = 138.0

STATISTICAL DATA FOR POROSITY AND PERMEABILITY HISTOGRAM

COMPANY: THE SUPERIOR OIL COMPANY
FIELD : GREATER ANETH FIELD

WELL : WHITE MESA UNIT # 27-22
COUNTY, STATE: SAN JUAN, UTAH

POROSITY-FEET OF STORAGE CAPACITY LOST FOR SELECTED POROSITY CUT OFF

POROSITY CUT OFF	FEET LOST	CAPACITY LOST (%)	FEET REMAINING	CAPACITY REMAINING (%)	ARITH MEAN	MEDIAN
0.0	0.0	0.0	138.0	100.0	7.4	5.3
2.0	36.0	3.7	102.0	96.3	9.6	8.5
4.0	59.0	10.5	79.0	89.5	11.6	10.4
6.0	74.0	18.1	64.0	81.9	13.1	12.2
8.0	84.0	24.8	54.0	75.2	14.2	13.2
10.0	97.0	35.9	41.0	64.1	16.0	15.0
12.0	105.0	44.4	33.0	55.6	17.2	16.8
14.0	115.0	56.9	23.0	43.1	19.1	18.8
16.0	120.0	64.2	18.0	35.8	20.3	19.7
18.0	124.0	70.8	14.0	29.2	21.3	20.7
20.0	130.0	82.2	8.0	17.8	22.7	22.7
22.0	133.0	88.4	5.0	11.6	23.6	
24.0	136.0	95.0	2.0	5.0	25.5	26.0
26.0	137.0	97.4	1.0	2.6	26.3	
28.0	138.0	100.0	0.0	0.0		

TOTAL STORAGE CAPACITY IN POROSITY-FEET = 1020.8

CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
DALLAS, TEXAS

PAGE 5

STATISTICAL DATA FOR POROSITY AND PERMEABILITY HISTOGRAM

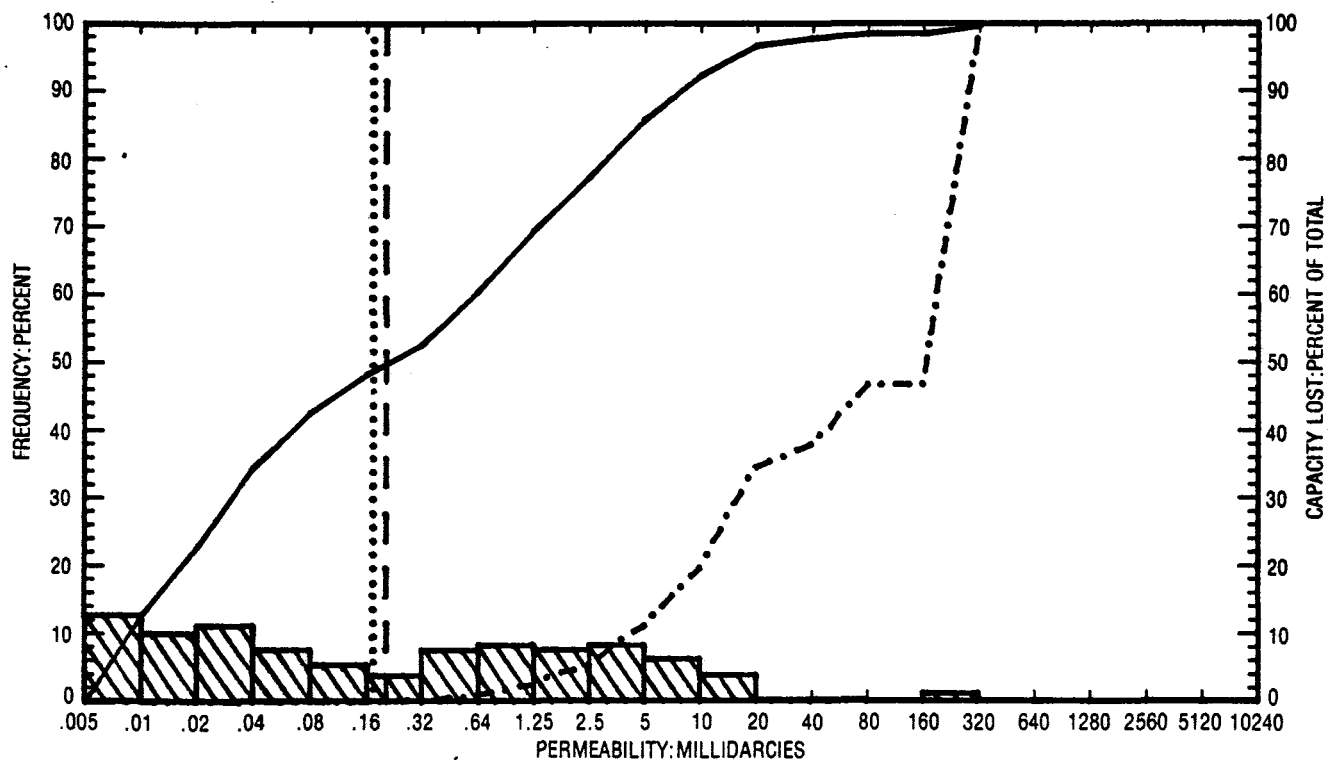
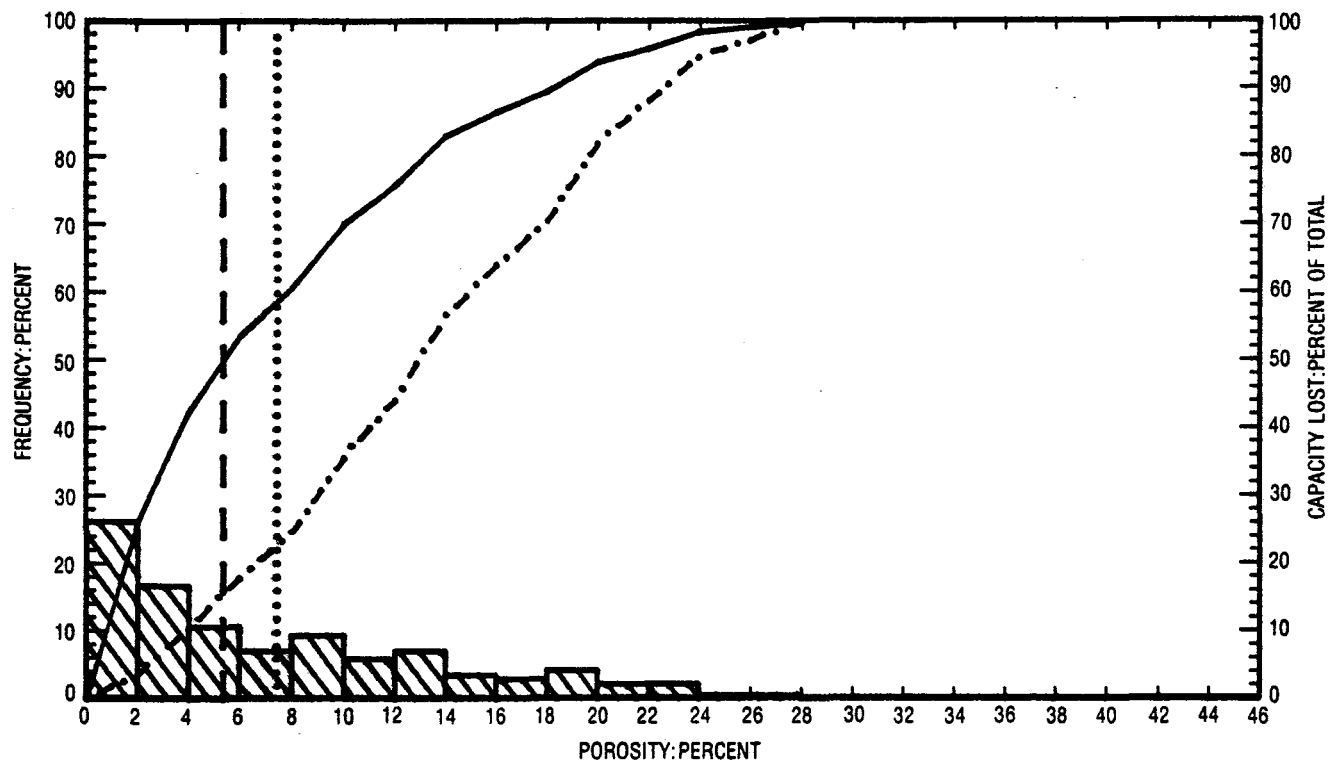
COMPANY: THE SUPERIOR OIL COMPANY
FIELD : GREATER ANETH FIELD

WELL : WHITE MESA UNIT # 27-22
COUNTY, STATE: SAN JUAN, UTAH

MILLIDARCY-FEET OF FLOW CAPACITY LOST FOR SELECTED PERMEABILITY CUT OFF

PERMEABILITY CUT OFF	FEET LOST	CAPACITY LOST (%)	FEET REMAINING	CAPACITY REMAINING (%)	GEOM MEAN	MEDIAN
0.005	0.0	0.0	138.0	100.0	0.17	0.20
0.010	18.0	0.0	120.0	100.0	0.37	0.43
0.020	32.0	0.0	106.0	100.0	0.59	0.66
0.039	48.0	0.1	90.0	99.9	1.05	1.05
0.078	59.0	0.2	79.0	99.8	1.62	1.46
0.156	67.0	0.3	71.0	99.7	2.21	1.88
0.312	73.0	0.5	65.0	99.5	2.67	2.27
0.625	84.0	1.3	54.0	98.7	3.78	3.15
1.250	96.0	3.0	42.0	97.0	5.54	4.45
2.500	107.0	5.8	31.0	94.2	8.36	6.55
5.	119.0	11.6	19.0	88.4	14.97	10.59
10.	128.0	20.1	10.0	79.9	32.03	
20.	134.0	35.0	4.0	65.0	81.39	80.00
40.	135.0	38.1	3.0	61.9	127.84	190.27
80.	136.0	47.0	2.0	53.0	183.57	
160.	136.0	47.0	2.0	53.0	183.57	
320.	138.0	100.0	0.0	0.0		

TOTAL FLOW CAPACITY IN MILLIDARCY-FEET (ARITHMETIC) = 695.73



PERMEABILITY AND POROSITY HISTOGRAMS

THE SUPERIOR OIL COMPANY
WHITE MESA UNIT # 27-22
GREATER ANETH FIELD
SAN JUAN, UTAH

LEGEND

ARITHMETIC MEAN POROSITY
GEOMETRIC MEAN PERMEABILITY
MEDIAN VALUE
CUMULATIVE FREQUENCY
CUMULATIVE CAPACITY LOST

CORE LABORATORIES, INC.



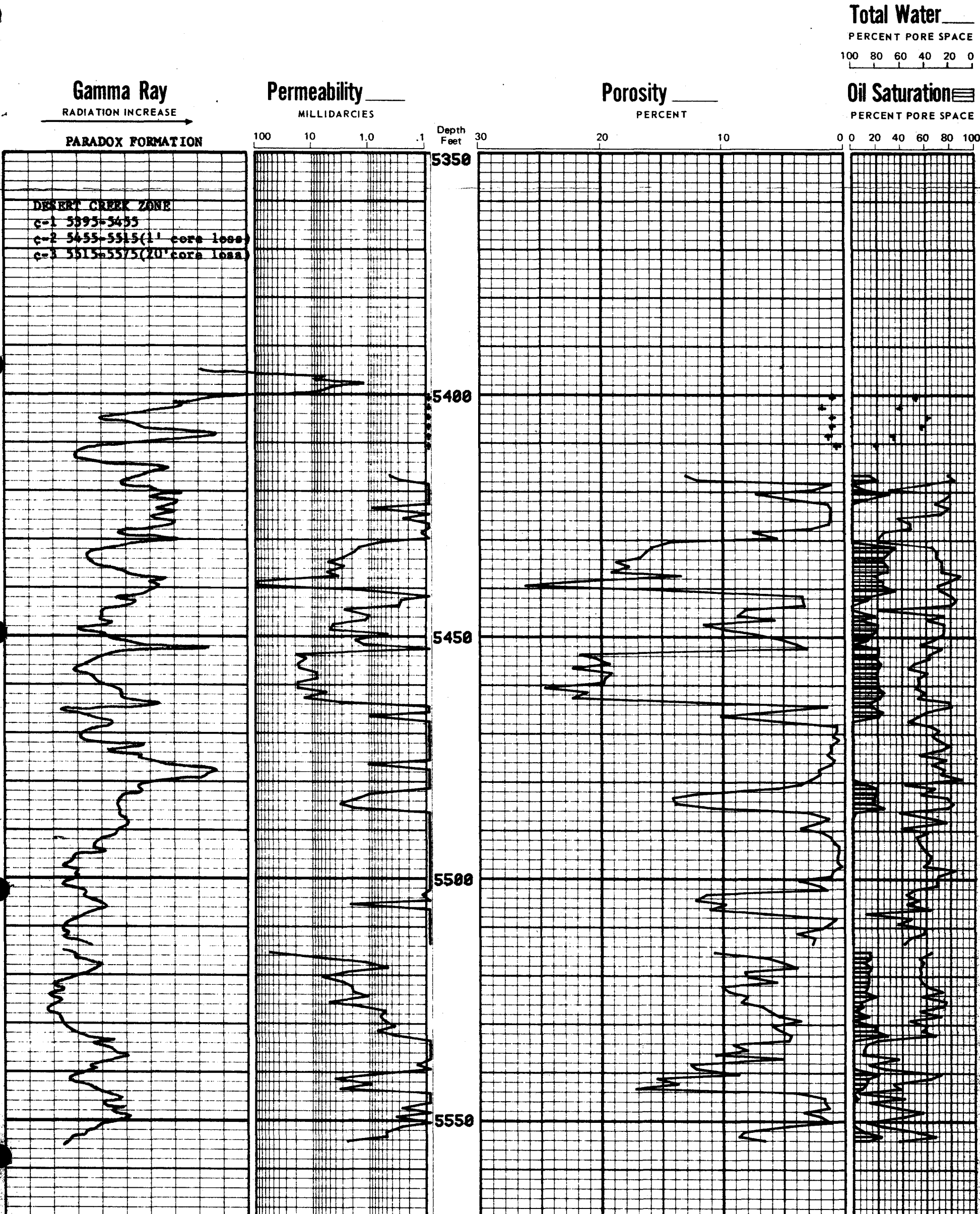
Petroleum Reservoir Engineering

COMPANY	THE SUPERIOR OIL COMPANY	FILE NO.	3883-003363
WELL	WHITE MESA UNIT # 27-22	DATE	3-DEC-1984
FIELD	GREATER ANETH FIELD	FORMATION	DESERT CREEK
COUNTY	SAN JUAN	STATE	UTAH
		DRLG. FLD.	WBM
LOCATION	SE, NW SEC. 27-T41S-R24E	ELEV.	4650 G.L.
		CORES	

CORRELATION COREGRAPH

These analyses, opinions or interpretations are based on observations and material supplied by the client to whom, and for whose exclusive and confidential use, this report is made. The interpretations or opinions expressed represent the best judgment of Core Laboratories, Inc., (all errors or omissions excepted); but Core Laboratories, Inc., and its officers and employees, assume no responsibility and make no warranty or representations as to the productivity, proper operation, or profitability of any oil, gas or other mineral well or sand in connection with which such report is used or relied upon.

VERTICAL SCALE: 5" = 100'



**CORE LABORATORIES, INC.***Petroleum Reservoir Engineering*

COMPANY	THE SUPERIOR OIL COMPANY	FILE NO.	3803-003363
WELL	WHITE MESA UNIT # 27-22	DATE	3-DEC-1984
FIELD	GREATER ANETH FIELD	ENGRS.	DS;EV
COUNTY	SAN JUAN	FORMATION	DESERT CREEK
STATE	UTAH	ELEV.	4650 GL
DRLG. FLD.	WBM	CORES	

CoRes Log

CORE and RESISTIVITY EVALUATION

These analyses, opinions or interpretations are based on observations and material supplied by the client to whom and for whose exclusive and confidential use this report is made. The interpretations or opinions expressed represent the best judgment of Core Laboratories, Inc. (all errors and omissions excepted) but Core Laboratories, Inc. and its officers and employees assume no responsibility and make no warranty or representations as to the productivity, proven operation or profitability of any oil, gas or other mineral well or sand in connection with which such report is used or relied upon.

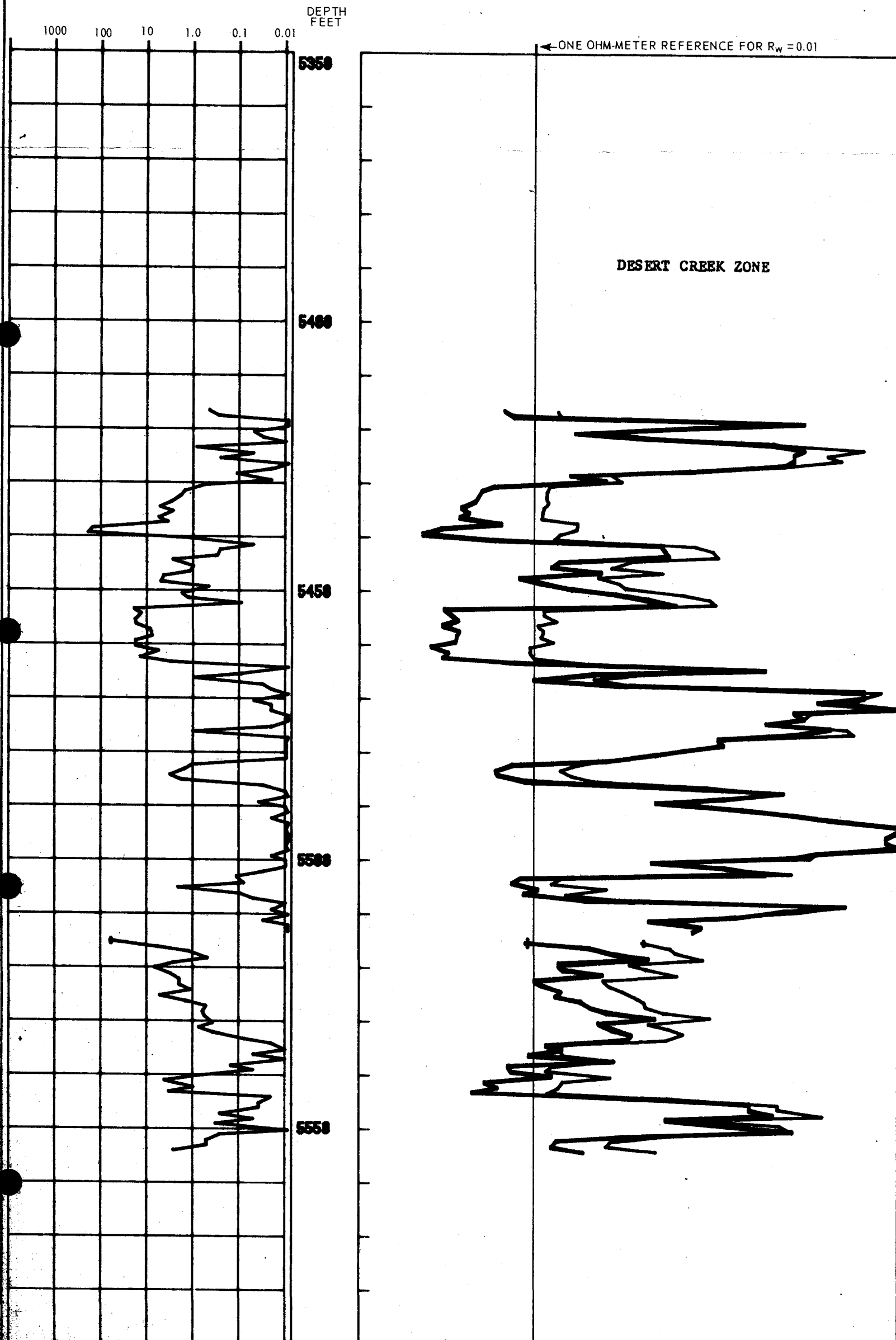
RESISTIVITY PARAMETERS: $a = 1.0$ $m = 2.0$ $n = 2.0$ Depths 5416 to 5555
 $a =$ $m =$ $n =$ Depths to

PERMEABILITY
MILLIDARCIES

CORE ANALYSIS CALCULATED RESISTIVITY

R_0 = OHM-METERS AT 100% S_w

R_{np} = OHM-METERS AT CRITICAL S_w



OPERATOR Superior Oil Co.

DATE 9-18-84

WELL NAME White Mesa Unit #27-22

SEC SE NW 27 T 44S R 24E COUNTY San Juan

43-037-31064
API NUMBER

Indian
TYPE OF LEASE

POSTING CHECK OFF:

☐

INDEX

☐

HL

☐☐

NID

☐

PI

☐☐

MAP

☐☐

PROCESSING COMMENTS:

Unit Well - & POD/BLM
Water & - 84-09-9

APPROVAL LETTER:

SPACING:

☒

A-3

White Mesa
UNIT

☐

c-3-a

CAUSE NO. & DATE

☐

c-3-b

☐

c-3-c

SPECIAL LANGUAGE:



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dianne R. Nielson, Ph.D., Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

September 20, 1984

Superior Oil Company
P. O. Drawer "G"
Cortez, Colorado 81321

Gentlemen:

Re: Well No. White Mesa Unit #27-22 - SE NW 27, T. 41S, R. 24E
1975' FNL, 2013' FWL - San Juan County, Utah

Approval to drill the above referenced oil well is hereby granted in accordance with Section 40-6-18, Utah Code Annotated, as amended 1983; and predicated on Rule A-3, General Rules and Regulations and Rules of Practice and Procedure.

In addition, the following actions are necessary to fully comply with this approval:

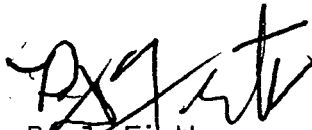
1. Spudding notification to the Division within 24 hours after drilling operations commence.
2. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.
3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 533-5771, (Home) 298-7695 or R. J. Firth, Associate Director, (Home) 571-6068.
4. Compliance with the requirements and regulations of Rule C-27, Associated Gas Flaring, General Rules and Regulations, Oil and Gas Conservation.

Page 2
Superior Oil Company
Well No White Mesa Unit #27-22
September 20, 1984

5. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-037-31064.

Sincerely,



R. J. Firth
Associate Director, Oil & Gas

as
Enclosures
cc: Branch of Fluid Minerals
Bureau of Indian Affairs

APPLICATION NO. 84-09-19
 DISTRIBUTION SYSTEM NA

RECEIVED

SEP 19 1984

DIVISION OF OIL
GAS & MINING

Application For Temporary Change of Point of Diversion, Place or Purpose of Use STATE OF UTAH

(To Be Filed in Duplicate)

RECEIVED

SEP 17 1984

Cortez, Colorado

Place

September 11, 1984

Date

STATE ENGINEER
PRICE, UTAH

For the purpose of obtaining permission to temporarily change the point of diversion, place or purpose of use
 (Strike out written matter not needed)
 of water, the right to the use of which was acquired by 29718(a-3777), 09-229, Cert. No. 8446
 (Give No. of application, title and date of Decree and Award No.)
 to that hereinafter described, application is hereby made to the State Engineer, based upon the following showing of
 facts, submitted in accordance with the requirements of the Laws of Utah.

1. The owner of right or application is The Superior Oil Company
2. The name of the person making this application is same as above
3. The post office address of the applicant is P. O. Drawer 'G', Cortez, Colorado 81321

PAST USE OF WATER

4. The flow of water which has been used in second feet is 6.45
5. The quantity of water which has been used in acre feet is _____
6. The water has been used each year from January 1 to December 31, incl.
 (Month) (Day) (Month) (Day)
7. The water has been stored each year from _____ to _____, incl.
 (Month) (Day) (Month) (Day)
8. The direct source of supply is Unground water (22 wells) in San Juan County.
9. The water has been diverted into _____ ditch
 canal at a point located see attached sheet
10. The water involved has been used for the following purpose: secondary oil recovery

Total _____ acres.
 NOTE: If for irrigation, give legal subdivisions of land and total acreage which has been irrigated. If for other purposes, give
 place and purpose of use.

THE FOLLOWING TEMPORARY CHANGES ARE PROPOSED

11. The flow of water to be changed in cubic feet per second is _____
12. The quantity of water to be changed in acre-feet is 6.0
13. The water will be diverted into the a tank truck ~~XXX~~ at a point located see attached sheet
from the collection point of the wells listed on the attachment
~~canal~~
14. The change will be made from October 1, 1984, to October 1, 1985.
 (Period must not exceed one year)
15. The reasons for the change are source of water for exploratory drilling
16. The water involved herein has heretofore been temporarily changed 0 years prior to this application.

(List years change has been made)

17. The water involved is to be used for the following purpose: Exploratory drilling fluid for a well to be
drilled at the following location: 2057' FNL, 2326' FWL Sec. 4, 42S, 24E SLM; 1975' FNL, 2013'
FWL Sec. 27; 553' FSL, 664' FEL Sec. 34; 1662' FNL, 1576' FWL Sec. 35, T41S, R24E SLM
 Total _____ acres.

NOTE: If for irrigation, give legal subdivisions of land to be irrigated. If for other purposes, give place and purpose of proposed use.

EXPLANATORY

- ✓ Well WMU #4-22-2057' FNL, 2326' FWL, Sec. 4, T42S, R24E SLM
- ✓ Well WMU #27-22-1975' FNL, 2013' FWL, Sec. 27, T41S, R24E SLM
- ✓ Well WMU #34-44-553' FSL, 664' FEL, Sec. 34, T41S, R24E SLM
- ✓ Well WMU # 35-22-1662' FNL, 1596' FWL, Sec. 35, T41S, R24E SLM (See Attached Sheet)

A filing fee in the sum of \$5.00 is submitted herewith. I agree to pay an additional fee for either investigating or advertising this change, or both, upon the request of the State Engineer.

W. Helwary
 Signature of Applicant

DIVISION OF OIL, GAS AND MINING

SPODDING INFORMATION

API #43-037-31064

NAME OF COMPANY: SUPERIOR OILWELL NAME: White Mesa Unit #27-22SECTION SE NW 27 TOWNSHIP 41S RANGE 24E COUNTY San JuanDRILLING CONTRACTOR ArapahoeRIG # 2SPUDDED: DATE 11-8-84TIME 9:00 PMHow RotaryDRILLING WILL COMMENCE REPORTED BY Bo AndresTELEPHONE # 303-565-3733DATE 11-9-84 SIGNED AS

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

2

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. 14-20-603-409	
2. NAME OF OPERATOR Superior Oil Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo	
3. ADDRESS OF OPERATOR P.O. Drawer "G", Cortez, CO 81321		7. UNIT AGREEMENT NAME White Mesa	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1975' FNL; 2013' FWL, Section 27		8. FARM OR LEASE NAME	
14. PERMIT NO.		9. WELL NO. 27-22	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) KB: 4663'; GL: 4650'		10. FIELD AND POOL, OR WILDCAT Greater Aneth	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 27, T41S, R24E	
		12. COUNTY OR PARISH San Juan	
		13. STATE Utah	

RECEIVED
DEC 07 1984
DIVISION OF
OIL, GAS & MINING

18. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Drilling</u> <input checked="" type="checkbox"/>	
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

- 11-8-84: Spud 12-1/4" hole.
- 11-9-84: Ran 13-3/8", 54.5#, K-55 STC Casing to 110', 17 1/2" hole. Cemented w/150 sx (177 cu.ft.) Class "B" cement + 2% CaCl2. Circulated cement to surface.
- 11-10-84: Ran 9-5/8", 36#, K-55, STC casing to 1385', 12 1/4" hole. Cemented w.470 sx (723 cu.ft.) BJ Lite cement + 10#/sk Gilsonite + 0.4% A-2 Lo-dense, tail w/150 sx (175 cu.ft.) Class "B" + 2% CaCl2. Did not circulate cement.
- 11-11-84: RIH w/1/2" pipe to 126'. Pumped 100 sx (117 cu.ft.) Class "B" + 3% CaCl2. Circulated good cement.
- 11-28-84: Reached TD of 5619', 8-3/4" hole.
- 11-29-84: Ran open hole logs. Ran 7", 23#, K-55, LTC casing to 5619'.
- 11-30-84: Cemented w/468 sx (533 cu.ft.) Class "B" + 1.7% D-29 + 0.3% R5. Estimated TOC at 4050'.

18. I hereby certify that the foregoing is true and correct

SIGNED David B. Jensen TITLE ENGINEER DATE 12-4-84

DAVID B. JENSEN

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPlicate
(Other Instructions
on reverse side)

Form approved
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE TERMINATION AND SERIAL NO. 14-20-603-409	
2. NAME OF OPERATOR SUPERIOR OIL COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME NAVAJO	
3. ADDRESS OF OPERATOR P. O. DRAWER 'G', CORTEZ, COLORADO 81321		7. UNIT AGREEMENT NAME WHITE MESA UNIT	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1975' FNL, 2013' FWL, SECTION 27		8. FARM OR LEASE NAME	
14. PERMIT NO. 43-037-31064		9. WELL NO. #27-22	
15. ELEVATIONS (Show whether DT, RT, GR, etc.) KB: 4663'; GL: 4650'		10. FIELD AND POOL, OR WILDCAT GREATER ANETH	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SEC. 27, T41S, R24E	
		12. COUNTY OR PARISH SAN JUAN	
		13. STATE UTAH	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) 1st Saleable oil <input checked="" type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

On December 12, 1984, Superior Oil produced first saleable oil from the subject well.

RECEIVED
DEC 17 1984
DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

David B. Jensen

TITLE Engineer

DATE 12-12-84

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		RECEIVED FEB 01 1985 DIVISION OF OIL GAS & MINING	5. LEASE DESIGNATION AND SERIAL NO. 14-20-603-409
2. NAME OF OPERATOR Superior Oil Company			6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo
3. ADDRESS OF OPERATOR P. O. Drawer "G", Cortez, Colorado 81321			7. UNIT AGREEMENT NAME White Mesa
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1975' FNL; 2013' FWL, Section 27			8. FARM OR LEASE NAME
14. PERMIT NO.		15. ELEVATIONS (Show whether DF, RT, GR, etc.) KB: 4663'; GL: 4650'	9. WELL NO. 27-22
			10. FIELD AND POOL, OR WILDCAT Greater Aneth
			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 27, T41S, R24E
			12. COUNTY OR PARISH San Juan
			13. STATE Utah

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANE

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other)

Drilling

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*
- 11-8-84 Spud 12 $\frac{1}{4}$ " hole. Opened to 17 $\frac{1}{2}$ ". Set 13-3/8", 54.50, k-55 STC casing at 110'.
 - 11-9-84 Cmt'd. w/ 150sx(177 cu.ft) "B" cement + 2% CaCl₂. Cmt'd. to surface.
 - 11-10-84 Ran 9-5/8", 36#, k-55 STC to 1385' in a 12 $\frac{1}{4}$ " hole. Cmt'd. w/ 470sx(723 cu.ft). BJ lite + 10 pps Gilsonite + 0.4% A-2 Lo-Dense (13.7 ppg) & 150sx (175 cu.ft) "B" + 2% CaCl₂ (15.6 ppg). Ran $\frac{1}{2}$ " pipe to 126' KB. Pump 100sx (117 cu.ft) "B" + 3% CaCl₂ down annulus. Circulated good cement.
 - 11-25-84 Desert Creek Core #1 5395'-5455'.
 - 11-26-84 Desert Creek. Core #2 5455'-5515'.
 - 11-27-84 Desert Creek Core #3 5515'-5575'.
 - 11-28-84 Reached TD of 5619', 8-3/4" hole.
 - 11-29-84 Ran open hole logs. Ran 7", 23#, k-55 LTC casing to 5619'.
 - 11-30-84 Cemented w/ 468sx (533 cu.ft) "B" + 1.7% D-29 + 0.3% RS (15.9 ppg). Full returns. Estimated TOC at 3500' actual TOC to be determined w/CBL-VDL.

I hereby certify that the foregoing is true and correct

SIGNED

David B. Jensen

TITLE

Engineer

DATE

1-5-85

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPlicate
(Other instructions on
reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. 14-20-603-409	
2. NAME OF OPERATOR SUPERIOR OIL COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME NAVAJO	
3. ADDRESS OF OPERATOR P. O. DRAWER 'G', CORTEZ, COLORADO 81321		7. UNIT AGREEMENT NAME WHITE MESA UNIT	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1975' FNL, 2013' FWL, SECTION 27		8. FARM OR LEASE NAME	
14. PERMIT NO.		9. WELL NO. #27-22	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) KB: 4663' GR: 4650'		10. FIELD AND POOL, OR WILDCAT GREATER ANETH	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SEC. 27, T41S, R24E, SLM	
		12. COUNTY OR PARISH SAN JUAN	
		13. STATE UTAH	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING XX ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/> Completion	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

12-3-84: MIRU. NU BOP's. RIH w/ bit & scraper to 5515'. Drilled out to 5560'.
12-4-84: Ran junk basket to PBTD at 5562'. Ran CBL-VDL-CCL-GR to top of cement at 4160'.
Perf'd Desert Creek at 5502-17', 5530-34' /2 JSPF (.43", 40 holes).
12-5-84: RIH w/ pkr & tbq. Acidized Desert Creek 5502-34' w/ 2500 gals 28% HCL & ball sealers.
Avg 2 BPM at 1500 psi. ISIP - on vacuum. Swabbed 48 bbls load.
12-6-84: Swabbed 54 bbls at 3% oil.
12-7-84: POH w/ tbq. Perf'd Desert Creek at 5417-30', 5432-39', 5441-55', & 5469-74' /2 JSPF
(.43", 82 holes).
12-11-84: RIH w/ RBP & pkr hydrotesting in. Acidized 5417-74' O/A w/ 6000 gals 28% HCL & ball
sealers. Avg 4 BPM at 500 psi. ISIP - 200 psi. Swabbed 22 bbls.
12-12-84: Swabbed 68 bbls at 10% oil.
12-13-84: Swabbed 47 bbls at 5% oil.
12-15-84: Swabbed 49 bbls at 2% oil, started out of hole.
12-17-84: Finished out of hole. Tagged BP at 5350'. Set BP AT 5390'. Unable to pressure up.
POH w/ tools. Perf'd Lower Ismay at 5355-59' w/ 2 JSPF (9 holes, .43").
12-18-84: RIH w/ RBP & pkr. Set RBP at 5390'. Acidized Lower Ismay w/ 500 gals 28% HCL.
Swabbed 36 bbls load.
12-19-84: Swabbed 43 bbls at 2% oil.

CONTINUED ON 2nd PAGE

18. I hereby certify that the foregoing is true and correct

SIGNED Roberto Dentici

TITLE Engineer

DATE 1-23-85

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____ DATE _____

*See Instructions on Reverse Side

2nd page - WMU #27-22 - Sundry

12-20-84: Swabbed 45 bbls at 2% oil.
12-21-84: Checked for communication, all zones communicated.
12-22-84: POH w/ tools.
12-26-84: RIH w/ pkr. Squeezed all perfs w/ 250 sx Class 'B' cmt. Well on vacuum.
12-27-84: Pumped 200 sx Class 'B' w/ cal-seal. Squeezed to 3000 psi. Reversed out 112 sx cmt.
12-28-84: POH w/ tools. RIH w/ bit & scraper. Drilled out 25' green cmt.
12-31-84: Drilled out to 5465'.
1-2-85: Perf'd Desert Creek I w/ 2 JSPF AT 5416-30', 5432-38', 5441-52' (.43", 65 holes).
RIH w/ pkr.
1-3-85: Acidized Desert Creek I w/ 3000 gals 28% HCL & ball sealers. Swabbed 38 bbls load.
1-4-85: Swabbed 45 bbls, 15% oil.
1-5-85: POH w/ tools. RIH w/ production string. ND BOP's, NU wellhead. RIH w/ rods & pump.
RDMO. Anchor at 5453'.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See instructions on
reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RENVR. ☐ Other _____

2. NAME OF OPERATOR

SUPERIOR OIL COMPANY

3. ADDRESS OF OPERATOR

P. O. DRAWER 'G', CORTEZ, COLORADO 81321 FEB 11 1985

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)

At surface 1975' FNL, 2013' FWL, Section 27

At top prod. interval reported below

Same

At total depth

Same

14. PERMIT NO.

DATE ISSUED

43-037-31064 9-20-84

15. DATE SPUDDED

11-8-84

16. DATE T.D. REACHED

11-28-84

17. DATE COMPL. (Ready to prod.)

1-5-85

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

KB: 4663' GL: 4650'

19. ELEV. CASINGHEAD

4651'

20. TOTAL DEPTH, MD & TVD

5619'

21. PLUG, BACK T.D., MD & TVD

5465'

22. IF MULTIPLE COMPL.,
HOW MANY*

23. INTERVALS
DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0'-5619'

None

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

5416-5452' Desert Creek

25. WAS DIRECTIONAL
SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

CDL-CNL, BTL, BCS, MEL, CBL-VDL, Laser

27. WAS WELL CORED

Yes

28. CASING RECORD (Report all strings set in well)

CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	54.50	110'	17-1/2"	150 sx (177 cu ft) to surface	
9-5/8"	36	1385'	12-1/4"	720 sx (1015 cu ft) to surface	
7"	23	5619'	8-3/4"	468 sx (533 cu ft) TOC at	4160'

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	5460'	

31. PERFORATION RECORD (Interval, size and number)

5502-17', 5530-34' @ 2 JSPF, .43"; 40 holes
5417-30', 5432-39', 5441-55', 5469-74',
.43", 82 holes
5355-59' @ 2 JSPF, .43", 9 holes
5416-30', 5432-38', 5441-52', .43"; 65 holes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5502-34' O/A	2500 gals 28% HCL
5417-74' O/A	6000 gals 28% HCL
5355-5534' O/A	338 sx Class 'B' (400 ft ³)
5416-5452' O/A	3000 gals 28% HCL

33.* PRODUCTION

DATE FIRST PRODUCTION 12-12-84		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Rod Pump, 1-1/4"				WELL STATUS (Producing or shut-in) Prod.	
DATE OF TEST 1-20-85	HOURS TESTED 24	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL. 7	GAS—MCF. Not meas.	WATER—BBL. 13	GAS-OIL RATIO N/A
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL. 7	GAS—MCF. Not meas.	WATER—BBL. 13	OIL GRAVITY-API (CORR.) 40 deg.	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold

TEST WITNESSED BY

D. Clemenson

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Robert D. Smith

TITLE

Engineer

DATE

1/31/85

*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Ismay	5228'	5370'	Limestone, Dolomite, & Anhydrite	Dakota	Surface	
Desert Creek	5388'	5553'	" " "	Chinle	1378'	
D. C. Cored	5395'	5575'	Shale, Limestone, Dolomite, & Anhydrite	DeChelly	2414'	
				Organ Rock	2672'	
				Hermosa	4384'	
				Ismay	5228'	
				Gothic Shale	5370'	
				Desert Creek	5388'	
				Chimney Rock	5553'	

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIP
(Other instruction re-
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> CATHODIC PROTECTION		5. LEASE DESIGNATION AND SERIAL NO. 14-20-603-409A	
2. NAME OF OPERATOR SUPERIOR OIL COMPANY, through its Agent, MOBIL OIL CORP.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME NAVAJO	
3. ADDRESS OF OPERATOR P. O. DRAWER 'G', CORTEZ, COLORADO 81321		7. UNIT AGREEMENT NAME WHITE MESA UNIT	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1975' FNL, 2013' FWL, SENW Sec. 27		8. FARM OR LEASE NAME WHITE MESA	
14. PERMIT NO. 43-037-31064		9. WELL NO. 27-22	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4650 GL		10. FIELD AND POOL, OR WILDCAT GREATER ANETH	
DIVISION OF OIL GAS & MINING		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 27, T41S, R24E, SLM	
		12. COUNTY OR PARISH SAN JUAN	
		13. STATE UTAH	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED WORK. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*
Construct Cathodic Protection System

To maximize effective corrosion control of metallic piping and structures down hole and above ground, Mobil Oil Corporation, Agent for Superior Oil Company, proposes to construct an electrified cathodic protection system consisting of a subsurface graphite anode bed connected to an above ground rectifier which has a lead connected to the well casing.

The construction will consist of a trench, 140' long, 6' deep and 2' wide in the old reserve pi area of the well location. All construction will be confined to existing disturbed area of well location. Existing electrical power to the well will be used for this cathodic protection system.

The construction area has previously been cleared archaeologically by the Bureau of Indian Affairs per clearance number BIA-DCA-84-334, dated August 30, 1984

18. I hereby certify that the foregoing is true and correct

SIGNED <u>Clyde J. Benally</u>	TITLE <u>Sr. Environmental Coordinator</u>	DATE <u>08-30-85</u>
(This space for Federal or State office use)		
APPROVED BY _____	TITLE _____	DATE _____
CONDITIONS OF APPROVAL, IF ANY:		

*See Instructions on Reverse Side

Mobil Oil Corporation

P.O. BOX 5444
DENVER, COLORADO 80217-5444

May 14, 1986

Utah Board of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Attn: R. J. Firth
Associate Director

RECEIVED
MAY 16 1986

DIVISION OF
OIL, GAS & MINING

SUPERIOR OIL COMPANY MERGER

Dear Mr. Firth:

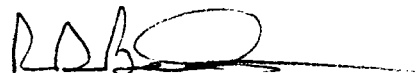
On September 20, 1984, The Superior Oil Company (Superior) became a wholly owned subsidiary of Mobil Corporation. Since January 1, 1985, Mobil Oil Corporation (MOC), another wholly owned subsidiary of Mobil Corporation, has acted as agent for Superior and has operated the Superior-owned properties.

On April 24, 1986, Superior was merged with Mobil Exploration and Producing North America Inc. (MEPNA), which is also a wholly owned subsidiary of Mobil Corporation. MEPNA is the surviving company of the merger.

This letter is to advise you that all properties held in the name of Superior will now be held in the name of MEPNA; and that these properties will continue to be operated by MOC as agent for MEPNA.

Attached is a listing of all wells and a separate listing of injection-disposal wells, Designation of Agent and an organization chart illustrating the relationships of the various companies. If you have any questions or require additional documentation of this merger, please feel free to contact me at the above address or (303) 298-2577.

Very truly yours,



CNE/rd
CNE8661

R. D. Baker
Environmental Regulatory Manager

WESTERN REGULATORY WELL COMPLIANCE DATA FILE (PAGE 1 OF 2)
 FOR THE CORTEZ SUPERVISOR AREA
 FOR THE GREATER ANETH FIELD 05/13/86

PROPERTY NAME	WELL NAME	COUNTY	STATE	SEC	TWNSHP	RNG	WELL TYPE	S T A P I N U M B E R	FEDERAL LEASE NUMBER	STATE NUMBER	UNIT NUMBER
WHITE MESA	10-32	SAN JUAN	UT	SW	NE	10-42S-24E	PROD	SI	43-037-15372	14-20-603-410	96-004193
	10-41	SAN JUAN	UT	NE	NE	10-42S-24E	INJ	SI	43-037-16450	14-20-603-410	96-004193
	22-23	SAN JUAN	UT	NE	SW	22-42S-24E	INJ	SI	43-037-16438	14-20-603-355A	96-004193
	22-32	SAN JUAN	UT	SW	NE	22-41S-24E	INJ	SI	43-037-15759	14-20-603-355A	96-004193
	22-34	SAN JUAN	UT	SE	NW	22-41S-24E	PROD	OP	43-037-15761	14-20-603-355A	96-004193
	22-42	SAN JUAN	UT	SW	SE	22-41S-24E	INJ	SI	43-037-16437	14-20-603-355A	96-004193
	22-43	SAN JUAN	UT	NE	SE	22-41S-24E	PROD	OP	43-037-15760	14-20-603-355A	96-004193
	23-12	SAN JUAN	UT	SW	NW	23-41S-24E	PROD	OP	43-037-16002	14-20-603-370B	96-004193
	23-14	SAN JUAN	UT	SW	SW	23-41S-24E	PROD	OP	43-037-16006	14-20-603-370B	96-004193
	23-21	SAN JUAN	UT	NE	NW	23-41S-24E	PROD	OP	43-037-16000	14-20-603-370B	96-004193
	23-23	SAN JUAN	UT	NE	SW	23-41S-24E	PROD	TA	43-037-16005	14-20-603-370B	96-004193
	23-32	SAN JUAN	UT	SW	NE	23-41S-24E	PROD	SI	43-037-16003	14-20-603-370B	96-004193
	23-33	SAN JUAN	UT	NW	SE	23-41S-24E	PROD	TA	43-037-16004	14-20-603-370B	96-004193
	23-41	SAN JUAN	UT	NE	NE	23-41S-24E	PROD	SI	43-037-16001	14-20-603-370B	96-004193
	23-42	SAN JUAN	UT	SE	NE	23-41S-24E	PROD	OP	43-037-31043	14-20-603-370B	96-004193
	25-14	SAN JUAN	UT	SW	SW	25-41S-24E	PROD	OP	43-037-15525	14-20-603-258	96-004193
	27-12	SAN JUAN	UT	SW	NW	27-41S-24E	PROD	SI	43-037-15345	14-20-603-409	96-004193
	27-21	SAN JUAN	UT	NE	NW	27-41S-24E	PROD	OP	43-037-16254	14-20-603-409A	96-004193
	27-22	SAN JUAN	UT	SE	NW	27-41S-24E	PROD	OP	43-037-31064	14-20-603-409A	96-004193
	27-23	SAN JUAN	UT	NE	SW	27-41S-24E	PROD	OP	43-037-15348	14-20-603-409	96-004193
	27-32	SAN JUAN	UT	SW	SE	27-41S-24E	PROD	SI	43-037-15346	14-20-603-409	96-004193
	27-34	SAN JUAN	UT	SW	SE	27-41S-24E	PROD	OP	43-037-16255	14-20-603-409A	96-004193
	27-43	SAN JUAN	UT	NE	SE	27-41S-24E	PROD	OP	43-037-15347	14-20-603-409	96-004193
	28-23	SAN JUAN	UT	NE	SW	28-41S-24E	PROD	SI	43-037-10244	14-20-603-409	96-004193
	28-34	SAN JUAN	UT	SW	SE	28-41S-24E	INJ	SI	43-037-16441	14-20-603-409	96-004193
	28-41	SAN JUAN	UT	NE	NE	28-41S-24E	PROD	OP	43-037-16440	14-20-603-409	96-004193
	28-43	SAN JUAN	UT	NE	SE	28-41S-24E	PROD	SI	43-037-15349	14-20-603-409	96-004193
	32-23	SAN JUAN	UT	NE	SW	32-41S-24E	PROD	OP	43-037-15357	14-20-603-407	96-004193
	32-34	SAN JUAN	UT	SW	SE	32-41S-24E	PROD	OP	43-037-15358	14-20-603-407	96-004193
	33-21	SAN JUAN	UT	SW	SE	33-41S-24E	PROD	OP	43-037-15351	14-20-603-409	96-004193

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions on
verse side)

Budget Form No. 1004-1
Expires August 31, 1985
5. LEASE DESIGNATION AND SERIAL NO.
14-20-603-409A
6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

3. ADDRESS OF OPERATOR

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)

At surface

Surface: 1975' FNL & 2013' FWL (SENW) Bottom: Same

14. PERMIT NO.

43-037-31064

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

KB 4663' GL 4650'

7. UNIT AGREEMENT NAME
White Mesa

8. FARM OR LEASE NAME
White Mesa Unit

9. WELL NO.
27-22

10. FIELD AND POOL, OR WILDCAT
Greater Aneth

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA
27-41s-24e SLBM

12. COUNTY OR PARISH
San Juan

13. STATE
Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

Pipeline

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

Will lay 4" OD fiberglass or poly lined steel water injection pipeline. Exact material will be determined by price and availability. Maximum operating pressure will be ~3000 psi. Pipeline will be tested to ~4700 psi. Pipeline will be buried at least 36" deep and run 3,578.40' from water plant to well.

Separate application will be made to convert oil well to an injection well.

Accepted by the State
of Utah Division of
Oil, Gas and Mining

Date: 6-26-91

By: [Signature]

RECEIVED

JUN 24 1991

DIVISION OF
OIL GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED [Signature]

TITLE E, R, & LP Supervisor

DATE 6-14-91

(This space for Federal or State office use)

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

Federal Approval of this
Action is Necessary

cc: Benally, BIA, BLM(5), Capitan, Maurin, UDOGM(2)

*See Instructions on Reverse Side

Legal Description, C/L Proposed Line 27-22

An easement for purposes of a pipeline in Sections 27 and 28, T.41S., R.24E., S.L.M., San Juan County, Utah, the centerline being more particularly described as follows:

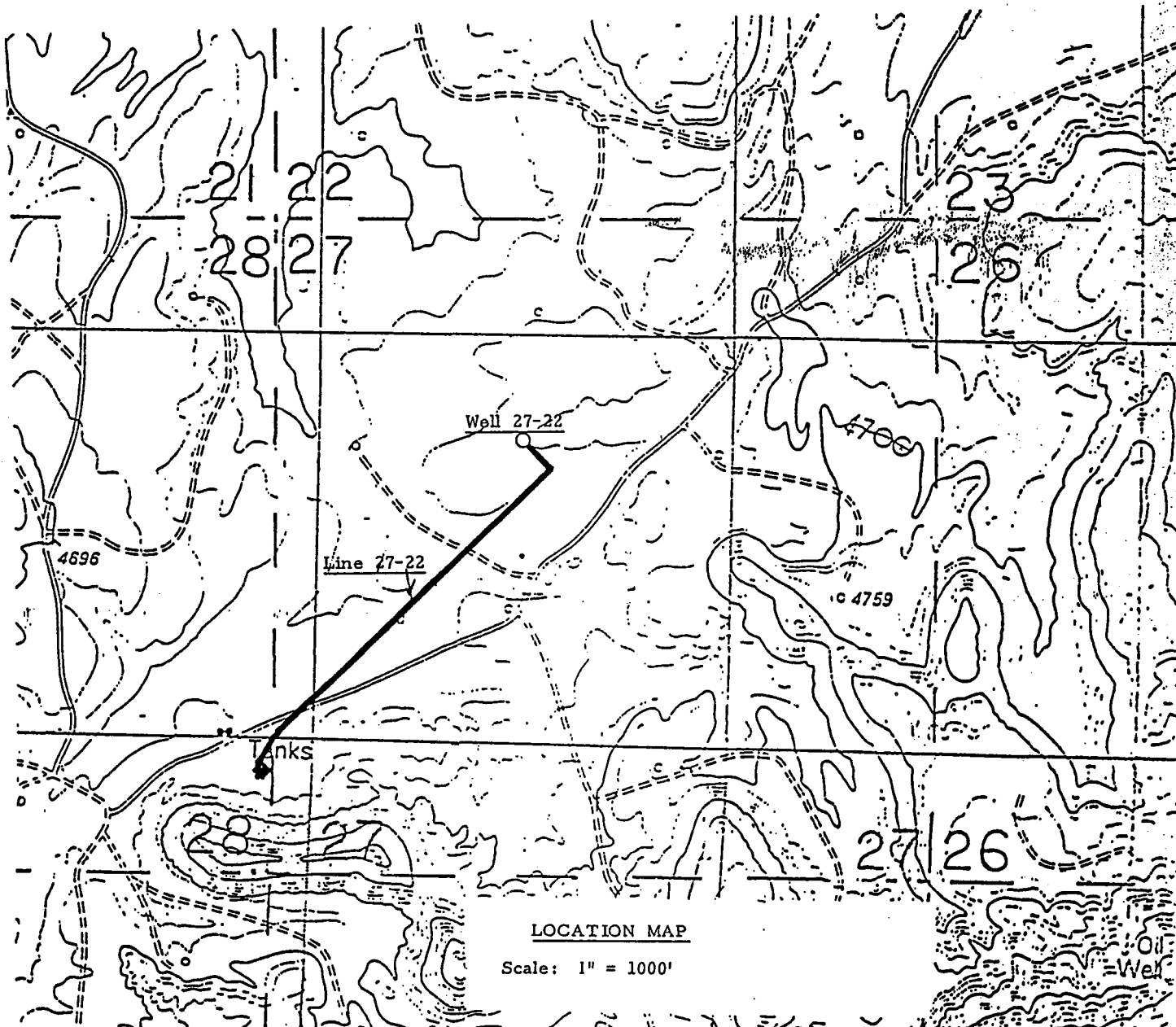
Beginning at a point at the compressor building in Section 28, T.41S., R.24E., S.L.M., San Juan County, Utah, from which point the SW Corner of Section 34, T.41S., R.24E., S.L.M., bears S.01°07'58"E. a distance of 5431.80 ft.;

thence, N.28°56'00"E. a distance of 234.60 ft.;

thence, N.45°15'20"E. a distance of 2167.30 ft.;

thence, N.45°15'20"E. a distance of 934.30 ft.;

thence, N.55°00'00"W. a distance of 242.20 ft. to Well 27-22, from which point the SW Corner of said Section 34 bears S.14°10'44"W. a distance of 8208.39 ft.



Wall 27-22

Tie to SW Corner Section 34,
T.41S., R.24E.:
S.14°10'44"W.-8208.39'

Scale: 1" = 200'

Bearing is based on the bearing of the south line
of Section 34, T.41S., R.24E., S.L.M., from the
SW Corner of said Section 34 to the SE Corner of
said Section 34, both BLM monuments. This
bearing is N.89°59'49"E.

N.45°15'20"E.-934.3

Line 27-12

Line 27-34

C/L, Proposed Line 27-22

N.45°15'20"E.-
2167.30'

Section 27, T.41S., R.24E.,
S.L.M., San Juan County,
Utah

Sec.28

Sec.27

N.28°56'00"E.-234.60'

Tie to SW Corner Section 34, T.41S.,
R.24E.: S.01°07'58"E.-5431.80'

Comp.
Bldg.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Mobil Oil Corporation

3. Address and Telephone No.

P.O. Box 633, Midland, TX 79702 (915)688-2585

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1975' FNL, 2013' FWL, Sec. 27, T41S, R24E

5. Lease Designation and Serial No.

14-20-603-409A

6. If Indian, Allottee or Tribe Name

Navajo Tribal

7. If Unit or CA, Agreement Designation

White Mesa Unit

8. Well Name and No.

22-27 ~~27-22~~

9. API Well No.

43-037-31064

10. Field and Pool, or Exploratory Area

Greater Aneth

11. County or Parish, State

San Juan, UT

12 CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Change of Operatorship
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

As of October 1, 1992

US Oil & Gas, Inc.
P.O. Box 270
Dolores, CO 81323

Will Be Taking Over Operatorship

RECEIVED

NOV 02 1992

DIVISION OF
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed Shirley Todd Shirley Todd Title Env. & Reg. Technician

Date 10-23-92

(This space for Federal or State office use)

Approved by _____

Title _____

Date _____

Conditions of approval, if any:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

US OIL & GAS, INC.

3. Address and Telephone No.

BOX 270, Dolores, CO 81323 (303) 882-7923

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1975' FNL 2013 FWL Sec. 27 T41S R24E

RECEIVED

DEC 24 1992

DIVISION OF
OIL AND GAS MANAGEMENT

FORM APPROVED
Budget Bureau No. 1604-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.

14-20-603-409A

6. If Indian, Allottee or Tribe Name

Navajo Tribal

7. If Unit or CA, Agreement Designation

White Mesa Unit

8. Well Name and No.

27 - 22

9. API Well No.

43-037-31064

10. Field and Pool, or Exploratory Area

Greater Aneth

11. County or Parish, State

San Juan, UT

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☐ Other

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

☐ Dispose Water

(Note: Report results of multiple completion or Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Well was put back on production 10/02/92.

14. I hereby certify that the foregoing is true and correct.

Signed

Title

Corporate Secretary

Date

December 14, 1992

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Date

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See instruction on Reverse Side

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing	
1- LCR / GEL	
2- DTS / 101	
3- VLC	
4- RJE	
5- RWA	
6- ADA	

Attach all documentation received by the division regarding this change.
Initial each listed item when completed. Write N/A if item is not applicable.

☒ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 10-01-92)
(MOBIL OIL CORPORATION)

TO (new operator) U S OIL & GAS, INC.
(address) PO BOX 270
DOLORES, CO 81323
MANDY WOOSLEY
phone (303) 882-7923
account no. N7420

FROM (former operator) M E P N A
(address) POB 219031 1807A RENTWR
DALLAS, TX 75221-2585
SHIRLEY TODD/MIDLAND, TX
phone (915) 688-2585
account no. N 7370

Well(s) (attach additional page if needed):

***WHITE MESA UNIT (NAVAJO)**

Name: *SEE ATTACHED*	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Rec'd 11-2-92)*
2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Reg. 11-2-92) (Reg. 12-16-92) (Rec'd 12-24-92)*
3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) ____ If yes, show company file number: #1165940.
- * 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(12-29-92)*
6. Cardex file has been updated for each well listed above. *(12-29-92)*
7. Well file labels have been updated for each well listed above. *(12-29-92)*
8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(12-29-92)*
9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files.
3. The former operator has requested a release of liability from their bond (yes/no) no. Today's date 11/19/93 1993. If yes, division response was made by letter dated 11/19/93 1993.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated 11/19/93 1993, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
2. Copies of documents have been sent to State Lands for changes involving State leases.

FILED

1. All attachments to this form have been microfilmed. Date: 11/19/93 1993.

FILED

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

REMARKS

921216 BLM / Farmington N.M. Not approved by the BIA as of yet.

921229 BLM / Farmington N.M. " "

921229 MEPNA / US Oil & Gas - Requested UIC Form 5 (oper. chg. per Admin.) * Rec'd 1-7-93.



US Oil & Gas, Inc.



December 21, 1992

ATTN: Lesha Romero
Utah Natural Resources
Oil, Gas & Mining
3 Triad Center
Suite 350
Salt Lake City, UT 84180-1203

RECEIVED

DEC 24 1992

DIVISION OF
OIL GAS & MINING

Dear Ms. Romero:

Effective October 1, 1992 US Oil & Gas, Inc., purchased and took over operations of the White Mesa Unit in the Greater Aneth, Utah area from Mobil E. & P.N.A.

Attached is a listing of the wells effected by this purchase.

Enclosed are copies of the sundry notices filed with the B.L.M. since USO & G took over operations.

Thank You,

Mandy Woosley

Mandy Woosley,
Corporate Secretary

MW/lu

Enclosures

✓Type: Oil Well
Location: 2009' FSL, 610' FEL, Sec. 28, T41S, R24E
Lease: 14-20-603-409
Name: 28-34 23-43
API No: 43-037-15349

✓Type: Oil Well
Location: 1936' FSL, 1943' FWL, Sec. 21, T41S, R24E
Lease: 14-20-603-409
Name: 27-23
API No: 43-037-15345

✓Type: Oil Well
Location: 2070' FNL, 2110' FWL, Sec. 3, T42S, R24E
Lease: 14-20-603-410
Name: 3-32
API No: 43-037-15621

✓Type: Oil Well
Location: 503' FSL 1980' FEL Sec. 32, T41S, R24E
Lease: 14-20-603-407
Name: 32-34
API No: 43-037-15358

✓Type: Oil Well
Location: 1980' FNL, 679' FWL, Sec. 27, T41S, R24E
Lease: 14-20-603-409
Name: 27-12
API No: 43-037-15345

✓Type: Oil Well
Location: 660' FSL, 1660' FWL, Sec. 23, T41S, R24E
Lease: 14-20-603-370B
Name: 23-14
API No: 43-037-16006

✓Type: Oil Well
Location: 570' FNL, 815' FEL, Sec. 3, T42S, R24E
Lease: 14-20-603-410
Name: 3-41
API No: 43-037-15362

✓Type: Oil Well
Location: 345' FSL, 1980' FEL, Sec. 35, T41S, R24E
Lease: 14-20-603-258
Name: 35-34
API No: 43-037-15533

✓Type: Oil Well
Location: 1545' FSL, 1865' FWL, Sec. 32, T41S, R24E
Lease: 14-20-603-407
Name: 32-23
API No: 43-037-15357

✓Type: Oil Well
Location: 660' FNL, 1980' FWL, Sec. 35, T41S, R24E
Lease: 14-20-603-258A
Name: 35-21
API No: 43-037-15528

✓Type: Oil Well
Location: 556' FNL, 625' FEL, Sec. 8, T42S, R24E
Lease: 14-20-603-408
Name: 8-41
API No: 43-037-15371

✓Type: Oil Well
Location: 1266' FSL, 785' FEL, Sec. 34, T41S, R24E
Lease: 14-20-603-258
Name: 35-12
API No: 43-037-15529

✓Type: Oil Well
Location: 500' FNL, 1980' FWL, Sec. 2, T42S, R24E
Lease: 14-20-603-259
Name: 2-21
API No: 43-037-15535

✓Type: Oil Well
Location: 1266' FSL, 785' FEL, Sec. 34, T41S, R24E
Lease: 14-20-603-409
Name: 34-43
API No: 43-037-15355

✓Type: Oil Well
Location: 352' FSL, 1942' FEL, Sec. 34, T41S, R24E
Lease: 14-20-603-409
Name: 34-34
API No: 43-037-15361

✓Type: Oil Well
Location: 1927' FNL, 1909' FEL, Sec. 34, T41S, R24E
Lease: 14-20-603-409
Name: 34-32
API No: 43-037-15354

✓Type: Oil Well
Location: 1476' FSL, 1928' FWL, Sec. 34, T41S, R24E
Lease: 14-20-603-409
Name: 34-23
API No: 43-037-16444

✓Type: Oil Well
Location: 535' FNL, 2059' FWL, Sec. 34, T41S, R24E
Lease: 14-20-603-409
Name: 34-21
API No: 43-037-15350

✓Type: Oil Well
Location: 496' FSL, 602' FWL, Sec. 34, T41S, R24E
Lease: 14-20-603-409
Name: 34-14
API No: 43-037-15360

✓Type: Oil Well
Location: 1760' FNL, 715' FWL, Sec. 34, T41S, R24E
Lease: 14-20-603-409
Name: 34-12
API No: 43-037-15353

✓Type: Oil Well
Location: 698' FSL, 1843' FEL, Sec. 33, T41S, R24E
Lease: 14-20-603-409
Name: 33-34
API No: 43-037-15359

✓Type: Oil Well
Location: 1547' FSL, 1918' FWL, Sec. 33, T41S, R24E
Lease: 14-20-603-409
Name: 33-23
API No: 43-037-16445

✓Type: Oil Well
Location: 660' FNL, 1980' FWL, Sec. 4, T42S, R24E
Lease: 14-20-603-410
Name: 4-21
API No: 43-037-15364

✓Type: Oil Well
Location: 563' FNL, 1980' FSL, Sec. 3, T42S, R24E
Lease: 14-20-603-410
Name: 3-21
API No: 43-037-15363

✓Type: Oil Well
Location: 1983' FNL, 475' FWL, Sec. 3, T42S, R24E
Lease: 14-20-603-410
Name: 3-12
API No: 43-037-15366

✓Type: Oil Well
Location: 1980' FNL, 1980' FEL, Sec. 4, T42S, R24E
Lease: 14-20-603-410
Name: 4-32
API No: 43-037-15365

✓Type: Oil Well
Location: 625' FSL, 1995' FWL, Sec. 34, T41S, R24E
Lease: 14-20-603-409
Name: 34-24
API No: 43-037-30098

✓Type: Oil Well
Location: 820' FNL, 2100' FWL, Sec. 27, T41S, R24E
Lease: 14-20-603-409A
Name: 27-21
API No: 43-037-15348

✓Type: Oil Well
Location: 510' FSL, 2140' FEL, Sec. 23, T41S, R24E
Lease: 14-20-603-355A
Name: 22-34
API No: 43-037-15761

✓Type: Oil Well
Location: 2080' FNL, 500' FEL, Sec. 34, T41S, R24E
Lease: 14-20-603-409
Name: 34-42
API No: 43-037-30102

✓Type: Oil Well
Location: 1975' FNL, 2013' FWL, Sec. 27, T41S, R24E
Lease: 14-20-603-409A
Name: 22-27 27-22
API No: 43-037-31064

✓Type: Oil Well
Location: 554' FSL, 464' FEL, Sec. 33 T41S, R24E
Lease: 14-20-603-409
Name: 33-44
API No: 43-037-15359

✓Type: Oil Well
Location: 1900' FSL, 615' FWL, Sec. 35, T41S, R24E
Lease: 14-20-603-258
Name: 35-13
API No: 43-037-30331

✓Type: Oil Well
Location: 1980' FNL, 660' FEL, Sec. 4, T42S, R24E
Lease: 14-20-603-410
Name: 4-42
API No: 43-037-30078

✓Type: Oil Well
Location: 796' FSL, 2159' FWL, Sec. 4 T42S, R24E
Lease: 14-20-603-410
Name: 4-24
API No: 43-037-31006

✓Type: Oil Well
Location: 2040' FSL, 740' FWL, Sec. 36, T41S R24E
Lease: 14-20-603-258
Name: 36-12
API No: 43-037-15530

✓Type: Oil Well
Location: 1980' FNL, 1980' FEL, Sec. 10, T42S, R24E
Lease: 14-20-603-410
Name: 10-32
API No: 43-037-15372

✓Type: Oil Well
Location: 1529' FSL, 365' FWL, Sec. 34, T41S, R24E
Lease: 14-20-603-409
Name: 34-13
API No: 43-037-31066

✓Type: Oil Well
Location: 1980' FNL, 1980' FWL, Sec. 34, T41S, R24E
Lease: 14-20-603-409
Name: 34-22
API No: 43-037-30295

✓Type: Oil Well
Location: 2140' FEL, 820' FSL, Sec. 27, T41S, R24E
Lease: 14-20-603-409A
Name: 27-34
API No: 43-037-16255

✓Type: Oil Well
Location: 2118' FSL, 740' FEL, Sec. 27, T41S, R24E
Lease: 14-20-603-409
Name: 27-43
API No: 43-037-15347

✓Type: Oil Well
Location: 1980' FSL, 660' FEL, Sec. 22, T41S R24E
Lease: 14-20-603-355A
Name: 22-43
API No: 43-037-15760

✓Type: Oil Well
Location: 2140' FNL, 820' FWL, Sec 23, T41S, R24E
Lease: 14-20-603-370B
Name: 23-12
API No: 43-037-16002

✓Type: Oil Well
Location: 660' FNL, 1980' FWL, Sec. 23, T41S, R24E
Lease: 14-20-603-370B
Name: 23-21
API No: 43-037-16000

✓Type: Oil Well
Location: 1050' FEL, 1600' FNL, Sec. 23, T41S, R24E
Lease: 14-20-603-370B
Name: 23-42
API No: 43-037-31043

✓Type: Oil Well
Location: 271' FNL, 987' FWL, Sec. 2, T42S, R24E
Lease: 14-20-603-259
Name: 2-11
API No: 43-037-31005

✓Type: Oil Well
Location: 2105' FNL, 584' FWL, Sec. 2, T42S, R24E
Lease: 14-20-603-259
Name: 2-12
API No: 43-037-15535

✓Type: Oil Well
Location: 675' FSL, 530' FWL, Sec. 35, T41S, R24E
Lease: 14-20-603-258
Name: 35-14
API No: 43-037-15532

✓Type: Oil Well
Location: 1250' FSL, 2040' FWL, Sec. 35, T41S, R24E
Lease: 14-20-603-258
Name: 35-23
API No: 43-037-15531

✓Type: Oil Well
Location: 760' FNL, 1980' FWL, Sec. 36, T41S R24E
Lease: 14-20-603-258
Name: 36-21
API No: 43-037-15526

✓Type: Oil Well
Location: 660' FSL, 660' FWL, Sec. 25, T41S, R24E
Lease: 14-20-603-258
Name: 25-14
API No: 43-037-15525

✓Type: Oil Well
Location: 1800' FSL, 2163' FEL, Sec. 34, T41S, R24E
Lease: 14-20-603-409
Name: 34-33
API No: 43-037-30296

✓Type: Oil Well
Location: 850' FNL, 1740' FEL, Sec. 4, T42S, R24E
Lease: 14-20-603-410
Name: 4-31
API No: 43-037-30330

✓Type: Oil Well
Location: 553' FSL, 664' FEL, Sec. 34, T41S, R24E
Lease: 14-20-603-409
Name: 34-44
API No: 43-037-31067

✓Type: Oil Well
Location: 1800' FSL, 2163' FEL, Sec. 34, T41S, R24E
Lease: 14-20-603-409
Name: 34-33
API No: 43-037-30296

✓Type: Oil Well
Location: 490' FNL, 2318' FEL, Sec. 34, T41S, R24E
Lease: 14-20-603-410
Name: 34-31
API No: 43-037-31054

✓Type: Oil Well
Location: 713' FNL, 975' FWL, Sec. 3, T42S, R24E
Lease: 14-20-603-410
Name: 3-11
API No: 43-037-30293

✓Type: Oil Well
Location: 1980' FSL, 2080' FEL, Sec. 4, R42S R24E
Lease: 14-20-603-410
Name: 4-33
API No: 43-037-30292

✓Type: Oil Well
Location: 810' FNL, 660' FEL, Sec. 23, T41S, R24E
Lease: 14-20-603-370B
Name: 23-41
API No: 43-037-16001

✓Type: Oil Well
Location: 667' FNL, 776' FEL, Sec. 4, T42S, R24E
Lease: 14-20-603-410
Name: 4-41
API No: 43-037-16446

✓Type: Oil Well
Location: 660' FWL, 1980' FWL Sec. 35, T41S, R24E
Lease: 14-20-603-258
Name: 35-21
API No: 43-037-15528

✓Type: Oil Well
Location: 1849' FNL, 2051' FEL, Sec. 23, T41S, R24E
Lease: 14-20-603-370B
Name: 23-32
API No: 43-037-16003

✓Type: Oil Well
Location: 684' FSL, 1984' FEL, Sec. 28, T41S, R24E
Lease: 14-20-603-409
Name: 28-34
API No: 43-037-16441

✓Type: Oil Well
Location: 1650' FNL, 990' FEL, Sec. 22, T41S, R24E
Lease: 14-20-603-355A
Name: 22-42
API No: 43-037-16437

✓Type: Oil Well
Location: 2001' FSL, 440' FEL, Sec. 4, T42S, R24E
Lease: 14-20-603-410
Name: 4-43
API No: 43-037-15369

✓Type: Oil Well
Location: 1528' FSL, 663' FEL, Sec. 33, T41S, R24E
Lease: 14-20-603-409
Name: 33-43
API No: 43-037-155356

✓Type: Oil Well
Location: 711' FNL, 584' FEL, Sec. 33, T41S, R24E
Lease: 14-20-603-409
Name: 33-41
API No: 43-037-16443

✓Type: Oil Well
Location: 1950' FNL, 1980' FEL, Sec. 22, T41S, R24E
Lease: 14-20-603-355A
Name: 22-32
API No: 43-037-15759

✓Type: Oil Well
Location: 1980' FSL, 1980' FWL, Sec. 22, T41S, R24E
Lease: 14-20-603-355A
Name: 22-23
API No: 43-037-16438

✓Type: Oil Well
Location: 660' FNL, 2073' FEL, Sec. 4, T42S, R24E
Lease: 14-20-603-410
Name: 4-34
API No: 43-037-16449

✓Type: Oil Well
Location: 724' FSL, 694' FWL, Sec. 4, T41S, R24E
Lease: 14-20-603-410
Name: 4-14
API No: 43-037-16448

✓Type: Oil Well
Location: 200' FSL, 2042' FWL, Sec. 3, T42S, R24E
Lease: 14-20-603-410
Name: 3-23
API No: 43-037-06447

✓Type: Oil Well
Location: 1980' FSL, 1980' FWL, Sec. 23, T41S, R24E
Lease: 14-20-603-370B
Name: 23-23
API No: 43-037-16005

✓Type: Oil Well
Location: 820' FSL, 500' FWL, Sec. 2, T42S, R24E
Lease: 14-20-603-259
Name: 2-14
API No: 43-037-15537

✓Type: Oil Well
Location: 1662' FNL, 1576' FWL, Sec. 35, T41S, R24E
Lease: 14-20-603-258
Name: 35-22
API No: 43-307-31068

✓Type: Oil Well
Location: 2030' FSL, 550' FEL, Sec. 3, T42S, R24E
Lease: 14-20-603-410
Name: 3-43
API No: 43-037-15368

✓Type: Oil Well
Location: 2057' FNL, 2326' FWL, Sec. 4, T24S, R24E
Lease: 14-20-603-410
Name: 4-22
API No: 43-037-31069

✓Type: Oil Well
Location: 1980' FNL, 1980' FEL, Sec. 33, T41S, R24E
Lease: 14-20-603-409
Name: 33-32
API No: 43-037-15352

✓Type: Oil Well
Location: 1980' FNL, 1813' FEL, Sec. 27, T41S, R24E
Lease: 14-20-603-409
Name: 27-32
API No: 43-037-15346

✓Type: Oil Well
Location: 1864' FSL, 1942' FWL, Sec. 28, T41S, R24E
Lease: 14-20-603-409
Name: 28-23
API No: 43-037-10244

✓Type: Oil Well
Location: 730' FNL, 559' FEL, Sec. 28, T41S, R24E
Lease: 14-20-603-409
Name: 28-41
API No: 43-037-16440

✓Type: Oil Well
Location: 1820' FNL, 1860' FEL, Sec. 2, T42S, R24E
Lease: 14-20-603-259
Name: 2-32
API No: 43-037-15536

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	7. If Unit or CA, Agreement Designation White Mesa Unit
2. Name of Operator US OIL & GAS, INC.	8. Well Name and No. 27-22
3. Address and Telephone No. PO BOX 270, DOLORES, CO 81323 (970) 882-7923	9. API Well No. 43-037-31064
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1975' FNL & 2013' FWL SEC. 27 T41S R24E	10. Field and Pool, or Exploratory Area Greater Aneth Area
	11. County or Parish, State San Juan Utah

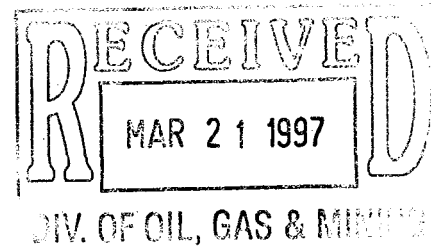
12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input checked="" type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Plan to pull production, run 2 3/8" injection string with Arrow Packer set at 5375', circulate inhibited fresh water and pressure test casing.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY



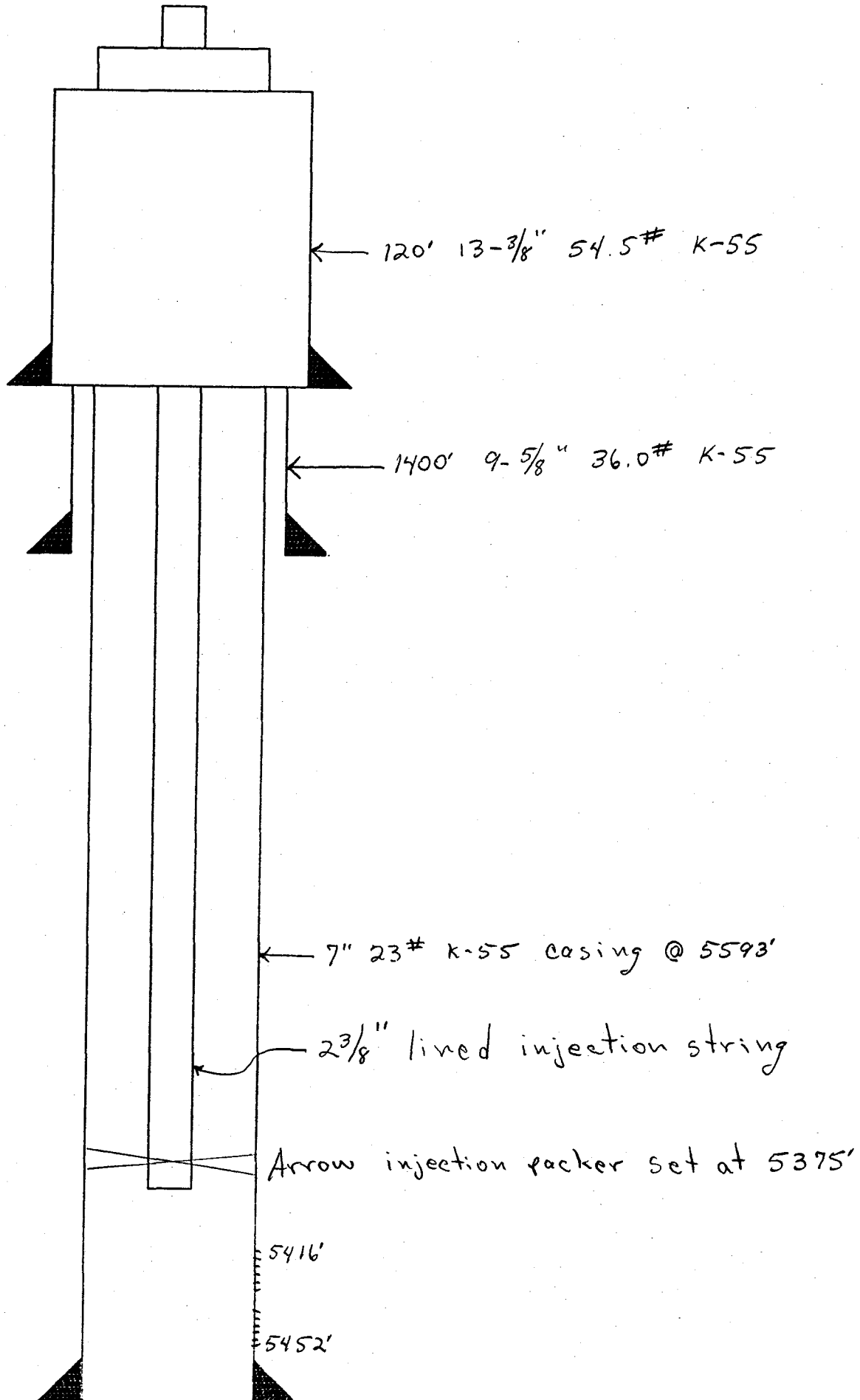
I hereby certify that the foregoing is true and correct
Signed Pats B. Worley Title Vice President Date March 17, 1997
(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any:

18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See instruction on Reverse Side

Purposed Plain Well # 27-22





US OIL & GAS, INC.

March 22, 1999

Utah Division of Oil, Gas & Mining
1594 West North Temple, Suite 1210
Salt Lake City, UT 84114-5801

RE: Annual Status Report

Dear Mr. Staley:

Please accept the enclosed document as the Annual Status Report as required by UT Admin. R 649-8-10 for the White Mesa Unit which is located in the Greater Aneth Area, Southeastern, UT.

If you have any questions or comments, please feel free to call me either at the phone listed below or I can also be reached at cellular (970) 560-1141.

Sincerely,

Patrick B. Woosley, Vice President
By MW

PB/mw

Enclosures

431037131064

WHITE MESA UNIT WELLS BY TRACTS & STATUS

TRACT # 1 LEASE # 14-20-603-258

WELLS # 26-12 P&Ad ✓ 35-22 P&Ad
 26-14 P&Ad ✓ 35-12 WIW
 25-23 P&Ad ✓ 35-13 POW
 ✓ 25-14 POW ✓ 35-14 POW
 25-34 P&Ad ✓ 35-23 T&Ad (PA)
 ✓ 35-21 P&Ad ✓ 35-34 POW
 35-41 P&Ad

TRACT # 2 LEASE # 14-20-603-258

WELLS # ✓ 36-21 POW
 ✓ 36-12 POW
 36-22 P&Ad

TRACT # 3 LEASE # 14-20-603-259

WELLS # ✓ 2-11 POW 2-23 P&Ad
 ✓ 2-21 WIW ✓ 2-14 P&Ad
 ✓ 2-12 POW 11-11 D&Ad
 2-23 P&Ad

TRACT # 5 LEASE # 14-20-603-355

WELLS # ✓ 22-32 P&Ad ✓ 22-43 POW
 ✓ 22-42 P&Ad ✓ 22-34 POW
 ✓ 22-23 P&Ad

TRACT # 6 LEASE # 14-20-603-370

WELLS # ✓ 23-21 POW ✓ 23-23 P&Ad
 ✓ 23-41 POW 23-33 P&Ad
 ✓ 23-12 POW ✓ 23-14 POW
 ✓ 23-32 P&Ad 23-34 P&Ad
 ✓ 23-42 POW

TRACT # 7 LEASE # 14-20-603-407

WELLS # ✓ 32-23 POW
 32-14 P&Ad
 ✓ 32-34 POW

TRACT # 8 LEASE # 14-20-603-408

WELLS # 5-43 P&Ad
 ✓ 8-41 P&Ad

TRACT # 10 LEASE # 14-20-603-409 A

WELLS # 27-41 P&Ad 27-13 P&Ad
 ✓ 27-32 P&Ad ✓ 27-23 POW
 27-14 P&Ad 27-14A P&Ad

TRACT # 9 LEASE # 14-20-603-409

WELLS # ✓ 27-21 POW ✓ 34-22 POW ✓ 34-21 WIW
 ✓ 27-22 POW ✓ 34-42 POW 34-41 P&Ad
 ✓ 28-43 P&Ad ✓ 34-44 POW ✓ 34-12 WIW
 ✓ 28-34 P&Ad 27-12 POW ✓ 34-32 WIW
 ✓ 27-34 POW ✓ 28-41 P&Ad ✓ 34-24 POW
 33-21 P&Ad 28-23 P&Ad ✓ 34-43 P&Ad
 ✓ 34-31 POW 27-43 POW 33-14 P&Ad
 ✓ 33-32 P&Ad ✓ 33-41 P&Ad ✓ 34-13 POW
 ✓ 33-23 POW ✓ 33-43 P&Ad ✓ 34-14 WIW
 ✓ 33-34 WIW ✓ 33-44 POW ✓ 34-33 POW
 ✓ 34-23 WIW ✓ 34-34 WIW

TRACT # 11 LEASE # 14-20-603 410

WELLS # ✓ 4-21 WIW ✓ 4-32 T&Ad ✓ 3-21 WIW 10-31 POW
 ✓ 4-31 POW 4-23 P&Ad ✓ 3-41 POW 10-41 P&Ad
 ✓ 4-41 POW ✓ 4-33 POW ✓ 3-12 WIW
 ✓ 4-42 POW ✓ 4-43 P&Ad ✓ 3-32 POW
 4-12 P&Ad ✓ 4-14 P&Ad 3-22 PURPOSED
 ✓ 4-22 P&Ad ✓ 4-24 POW ✓ 3-23 P&Ad
 ✓ 4-34 P&Ad ✓ 3-11 T&Ad ✓ 3-43 P&Ad
 3-14 P&Ad 3-34 P&Ad 9-21 P&Ad

THIS PAGE 5-27
43-037-31064

WHITE MESA UNIT
WELLS BY TRACTS AND
STATUS

TRACT # 1 LEASE # 14-20-603-258

WELL # ✓26-12 P&AD ✓35-22 P&AD
✓26-14 P&AD ✓35-12 WIW
✓25-23 P&AD ✓35-13 POW
✓25-14 POW ✓35-14 POW
✓25-34 P&AD ✓35-23 P&AD
✓35-21 P&AD ✓35-34 POW
✓35-41 P&AD

TRACT # 2 LEASE # 14-20-603-258

WELL # ✓36-21 POW
✓36-12 POW
✓36-22 P&AD

TRACT # 3 LEASE # 14-20-603-259

WELL # ✓2-11 POW ✓2-23 P&AD
✓2-21 WIW ✓2-14 P&AD
✓2-12 POW ✓11-11 D&AD
✓2-23 P&AD

TRACT # 5 LEASE # 14-20-603-355

WELL # ✓22-32 P&AD ✓22-43 POW
✓22-42 P&AD ✓22-34 POW
✓22-23 P&AD

TRACT # 6 LEASE # 14-20-603-370

WELL # ✓23-21 POW ✓23-23 P&AD
✓23-41 POW ✓23-33 P&AD
✓23-12 POW ✓23-14 POW
✓23-32 P&AD ✓23-34 P&AD
✓23-42 POW

TRACT # 7 LEASE # 14-20-603-407

WELL # ✓32-23 POW
✓32-14 P&AD
✓32-34 POW

TRACT # 8 LEASE # 14-20-603-408

WELL # ✓5-43 P&AD
✓8-41 P&AD

TRACT # 10 LEASE # 14-20-603-409 A

WELL # ✓27-41 P&AD ✓27-13 P&AD
✓27-32 P&AD ✓27-23 POW
✓27-14 P&AD ✓27-14A P&AD

TRACT # 9 LEASE # 14-20-603-409

WELL # ✓27-21 POW ✓34-22 POW ✓34-21 WIW
✓27-22 POW ✓34-42 POW ✓34-41 P&AD
✓28-43 P&AD ✓34-44 POW ✓34-12 WIW
✓27-34 P&AD ✓27-12 POW ✓34-32 WIW
✓33-21 P&AD ✓28-41 P&AD ✓34-24 POWSI
✓34-31 POW ✓28-23 P&AD ✓34-43 WIW
✓33-32 P&AD ✓27-43 POW ✓33-14 P&AD
✓33-23 POW ✓33-41 P&AD ✓34-13 POW
✓33-34 WIW ✓33-43 P&AD ✓34-14 WIW
✓34-23 WIW ✓33-44 POW ✓34-33 POW
✓28-34 P&AD ✓34-34 WIW

TRACT # 11 LEASE # 14-20-603-410

WELL # ✓4-21 WIW ✓4-32 T&AD ✓3-21 WIW (10-31 POW)
✓4-31 POW ✓4-23 P&AD ✓3-41 POW ✓10-41 P&AD
✓4-41 WIW ✓4-33 POW ✓3-12 WIW
✓4-42 POW ✓4-43 P&AD (34-32 POW)
✓4-12 P&AD ✓4-14 P&AD 3-22 PROPOSED
✓4-22 P&AD ✓4-24 POW ✓3-23 P&AD
✓4-34 P&AD ✓3-11 T&AD ✓3-43 P&AD
✓3-14 P&AD ✓3-34 P&AD ✓9-21 P&AD



US OIL & GAS, INC.

43.637.31064

February 13, 2001

Utah Division of Oil, Gas & Mining
1594 West North Temple, Suite 1210
Salt Lake City, UT 84114-5801

RE: Annual Status Report

Dear Mr. Staley:

Please accept the enclosed document as the Annual Status Report as required by UT Admin. R 649-8-10 for the White Mesa Unit which is located in the Greater Aneth Area, Southeastern, UT.

In 1999 US OIL & GAS, INC. reported 3 Wells that were shut-in for an extended period of time.

Well # 4-32	Lease # 14-20-603-410 API # 430371536500S1
Well # 34-24	Lease # 14-20 603-409 API # 430373009800S1
Well # 3-11	Lease # 14-20-603-410 API # 430373029300S1

US OIL & GAS, INC. returned these 3 wells to production in 2000 and now have every well on the White Mesa Unit on production. The attached document shows all the wells by their respective tracts and the wells that were returned to production are in blue. Please accept this as the annual status report for 2000.

If you have any questions or comments, please feel free to call me either at the phone listed below or I can also be reached at cellular (970) 560-2404.

Sincerely,


Patrick B. Woosley, Vice President

PB/pw

Enclosures

RECEIVED

FEB 21 2001

DIVISION OF
OIL, GAS AND MINING

WHITE MESA UNIT
WELLS BY TRACTS AND
STATUS

TRACT # 1 LEASE # 14-20-603-258

WELL #	26-12 P&AD	35-22 P&AD
	26-14 P&AD	35-12 WIW
	25-23 P&AD	35-13 POW
	25-14 POW	35-14 POW
	25-34 P&AD	35-23 P&AD
	35-21 P&AD	35-34 POW
	35-41 P&AD	

TRACT # 2 LEASE # 14-20-603-258

WELL #	36-21 POW
	36-12 POW
	36-22 P&AD

TRACT # 3 LEASE # 14-20-603-259

WELL #	2-11 POW	2-23 P&AD
	2-21 WIW	2-14 P&AD
	2-12 POW	11-11 D&AD
	2-23 P&AD	

TRACT # 5 LEASE # 14-20-603-355

WELL #	22-32 P&AD	22-43 POW
	22-42 P&AD	22-34 POW
	22-23 P&AD	

TRACT # 6 LEASE # 14-20-603-370

WELL #	23-21 POW	23-23 P&AD
	23-41 POW	23-33 P&AD
	23-12 POW	23-14 POW
	23-32 P&AD	23-34 P&AD
	23-42 POW	

TRACT # 7 LEASE # 14-20-603-407

WELL #	32-23 POW
	32-14 P&AD
	32-34 POW

TRACT # 8 LEASE # 14-20-603-408

WELL #	5-43 P&AD
	8-41 P&AD

TRACT # 10 LEASE # 14-20-603-409 A

WELL #	27-41 P&AD	27-13 P&AD
	27-32 P&AD	27-23 POW
	27-14 P&AD	27-14A P&AD

TRACT #9 LEASE # 14-20-603-409

WELL #	27-21 POW	34-22 POW	34-21 WIW
	27-22 POW	34-42 POW	34-41 P&AD
	28-43 P&AD	34-44 POW	34-12 WIW
	27-34 P&AD	27-12 POW	34-32 WIW
	33-21 P&AD	28-41 P&AD	34-24 POW
	34-31 POW	28-23 P&AD	34-43 WIW
	33-32 P&AD	27-43 POW	33-14 P&AD
	33-23 POW	33-41 P&AD	34-13 POW
	33-34 WIW	33-43 P&AD	34-14 WIW
	34-23 WIW	33-44 POW	34-33 POW
	28-34 P&AD	34-34 WIW	

TRACT # 11 LEASE # 14-20-603-410

WELL #	4-21 WIW	4-32 POW	3-21 WIW	10-31 POW
	4-31 POW	4-23 P&AD	3-41 POW	10-41 P&AD
	4-41 WIW	4-33 POW	3-12 WIW	
	4-42 POW	4-43 P&AD	34-32 POW	
	4-12 P&AD	4-14 P&AD	3-22 PROPOSED	
	4-22 P&AD	4-24 POW	3-23 P&AD	
	4-34 P&AD	3-11 POW	3-43 P&AD	
	3-14 P&AD	3-34 P&AD	9-21 P&AD	

*T 415 R 24E S 37
43-037-31069*



US OIL & GAS, INC.

February 28, 2002

Utah Division of Oil, Gas & Mining
1594 West North Temple, Suite 1210
Salt Lake City, UT 84114-5801

RE: Annual Status Report

Dear Mr. Staley:

Please accept the enclosed White Mesa Unit report of Wells by tracts and status as a part of US Oil & Gas, Inc. annual status report for 2001. The attached document shows all the wells by their respective tracts and the wells status for the year 2001.

Sincerely,

Patrick B. Woosley,
Vice President

Enclosures

RECEIVED

MAR 11 2002

DIVISION OF
OIL, GAS AND MINING

WHITE MESA UNIT
WELLS BY TRACTS AND
STATUS

TRACT # 1 LEASE # 14-20-603-258
WELL # 26-12 P&AD 35-22 P&AD
26-14 P&AD 35-12 WIW
25-23 P&AD 35-13 POW
25-14 POW 35-14 POW
25-34 P&AD 35-23 P&AD
35-21 P&AD 35-34 POW
35-41 P&AD

TRACT # 2 LEASE # 14-20-603-258
WELL # 36-21 POW
36-12 POW
36-22 P&AD

TRACT # 3 LEASE # 14-20-603-259
WELL # 2-11 POW 2-23 P&AD
2-21 WIW 2-14 P&AD
2-12 POW 11-11 D&AD
2-23 P&AD

TRACT # 5 LEASE # 14-20-603-355
WELL # 22-32 P&AD 22-43 POW
22-42 P&AD 22-34 POW
22-23 P&AD

TRACT # 6 LEASE # 14-20-603-370
WELL # 23-21 POW 23-23 P&AD
23-41 POW 23-33 P&AD
23-12 POW 23-14 POW
23-32 P&AD 23-34 P&AD
23-42 POW

TRACT # 7 LEASE # 14-20-603-407
WELL # 32-23 POW
32-14 P&AD
32-34 POW

TRACT # 8 LEASE # 14-20-603-408
WELL # 5-43 P&AD
8-41 P&AD

TRACT # 10 LEASE # 14-20-603-409 A
WELL # 27-41 P&AD 27-13 P&AD
27-32 P&AD 27-23 POW
27-14 P&AD 27-14A P&AD

TRACT #9 LEASE # 14-20-603-409
WELL # 27-21 POW 34-22 POW
27-22 POW 34-42 POW
28-43 P&AD 34-44 POW
27-34 P&AD 27-12 POW
33-21 P&AD 28-41 P&AD
34-31 POW 28-23 P&AD
33-32 P&AD 27-43 POW
33-23 POW 33-41 P&AD
33-34 WIW 33-43 P&AD
34-23 WIW 33-44 POW
28-34 P&AD 34-34 WIW

34-21 WIW
34-41 P&AD
34-12 WIW
34-32 WIW
34-24 POW
34-43 WIW
33-14 P&AD
34-13 POW
34-14 WIW
34-33 POW

TRACT # 11 LEASE # 14-20-603-410
WELL # 4-21 WIW 4-32 POW
4-31 POW 4-23 P&AD
4-41 WIW 4-33 POW
4-42 POW 4-43 P&AD
4-12 P&AD 4-14 P&AD
4-22 P&AD 4-24 POW
4-34 P&AD 3-11 POW
3-14 P&AD 3-34 P&AD

3-21 WIW 10- 31POW
3-41 POW 10-41 P&AD
3-12 WIW
34-32 POW
3-22 PROPOSED
3-23 P&AD
3-43 P&AD
9-21 P&AD

RECEIVED

MAR 11 2002

DIVISION OF
OIL, GAS AND MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT - " for such proposals

SUBMIT IN TRIPLICATE

1. Type of well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
US Oil & Gas, Inc.

3. Address and Telephone No.
P.O. Box 698 Cortez, CO. 81321 (970) 565-⁰⁷⁹³~~2458~~

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
²⁴
1975' FNL & 2013' FWL SEC. 27, T.41 S., R.²⁵E.

5. Lease Designation and Serial No.
14-20-603-409A

6. If Indian, Allottee or Tribe Name
Navajo

7. If Unit or CA. Agreement Designation
White Mesa Unit

8. Well Name and No.
27-22

9. API Well No.
4303731064

10. Field and Pool, or Exploratory Area
Greater Aneth Area

11. County or Parish, State
San Juan Co. Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Other _____	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13 Describe Proposed or Completed Operations (Clearly state all pertinent details, and give permanent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

US Oil & Gas, Inc. plans to RTP this well in May 2009.

COPY SENT TO OPERATOR

Date: 4.28.2009

Initials: KS

14. I hereby certify that the foregoing is true and correct

Signed Pat Woolley Title VP Date 4/9/09

Accepted by the
Utah Division of
Oil, Gas and Mining

Date: 4/23/09

By: D. Stump

Federal Approval Of This
Action Is Necessary

RECEIVED

APR 13 2009

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT - " for such proposals

SUBMIT IN TRIPLICATE

1. Type of well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

US Oil & Gas, Inc.

3. Address and Telephone No.

P.O. Box 698 Cortez, CO. 81321 (970) 565-0793

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1975' FNL & 2013' FWL SEC. 27, T.41 S., R 25E.

5. Lease Designation and Serial No.

14-20-603-409A

6. If Indian, Allottee or Tribe Name

Navajo

7. If Unit or CA. Agreement Designation

White Mesa Unit

8. Well Name and No.

27-22

9. API Well No.

4303731064

10. Field and Pool, or Exploratory Area

Greater Aneth Area

11. County or Parish, State

San Juan Co. Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give permanent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

US Oil & Gas, Inc. RTP well 27-22 on May25th 2009.

14. I hereby certify that the foregoing is true and correct

Signed

Pat Woolley

Title

VP

Date

6/17/09

RECEIVED

JUN 22 2009

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT - " for such proposals

SUBMIT IN TRIPLICATE

1. Type of well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
US Oil & Gas, Inc.

3. Address and Telephone No.
P.O. Box 698 Cortez, CO. 81321 (970) 565-0793

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1975' FNL & 2013' FWL SEC. 27, T.41 S., R 24E.

5. Lease Designation and Serial No.
14-20-603-409A

6. If Indian, Allottee or Tribe Name
Navajo

7. If Unit or CA. Agreement Designation
White Mesa Unit

8. Well Name and No.
27-22

9. API Well No.
4303731064

10. Field and Pool, or Exploratory Area
Greater Aneth Area

11. County or Parish, State
San Juan Co. Utah

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other <u>Horizontal</u>	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13 Describe Proposed or Completed Operations (Clearly state all pertinent details, and give permanent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

US Oil & Gas, plans to clean out back to PBTD of 5557', set a cement retainer at 5410' and cement squeeze all perforations (5417'-5532'). Clean out back to the retainer at 5410' and set a whipstock at 5390' facing 135 degrees from north. Well will be horizontal at approximately 5488' and drilled horizontal 1500' to an approximate ~~surface~~ BHL location of 2150' FEL & 2250' FSL, Sec. 27 T. 41S, R,24E. The formation the work will be in is the Desert Creek of the Lower Paradox. The drilling will be done with aireated mud to lower hydrostatic weight and control will be maintained with a double ram BOP with a Washington Rotating head on top, the mud will be returned to steel mud pits.

653841 X
4117393 Y
37.192168
-104.266722

14. I hereby certify that the foregoing is true and correct

Signed Pat Woolley Title VP Date 3/17/2010

Approved by the
Utah Division of
Oil, Gas and Mining

Federal Approval of this
Action is Necessary

Date: 04-01-10
By: [Signature]

RECEIVED
MAR 23 2010
DIV. OF OIL, GAS & MINING



Weatherford®

Drilling Services

PROPOSAL

US OIL & GAS

WHITE MESA UNIT #27-22

SAN JUAN COUNTY, UTAH

WELL FILE: **PLAN 1**

MARCH 15, 2010

Weatherford Drilling Services

P.O. Box 61028

Midland, Texas 79711 USA

+1.432.561.8892 Main

+1.432.561.8895 Fax

www.weatherford.com

U.S. Oil & Gas

White Mesa Unit #27-22
San Juan Co., Utah

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	135.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	5390.00	0.00	135.00	5390.00	0.00	0.00	0.00	0.00	0.00	
3	5543.94	90.00	135.00	5488.00	-69.30	69.30	58.47	135.00	98.00	
4	6945.94	90.00	135.00	5488.00	-1060.66	1060.66	0.00	0.00	1500.00	Pbhl

TARGET DETAILS

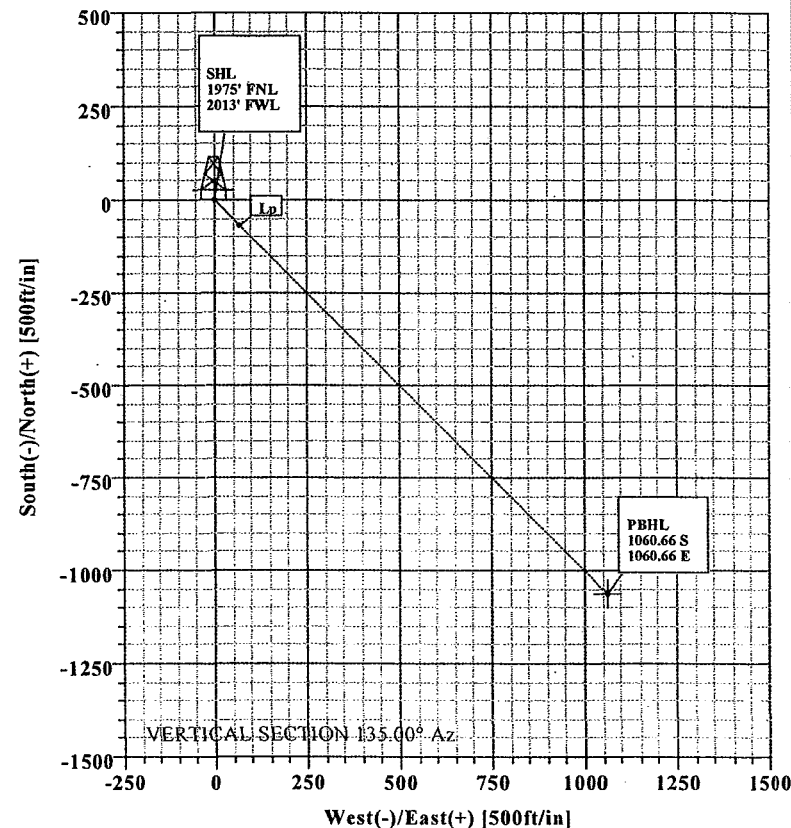
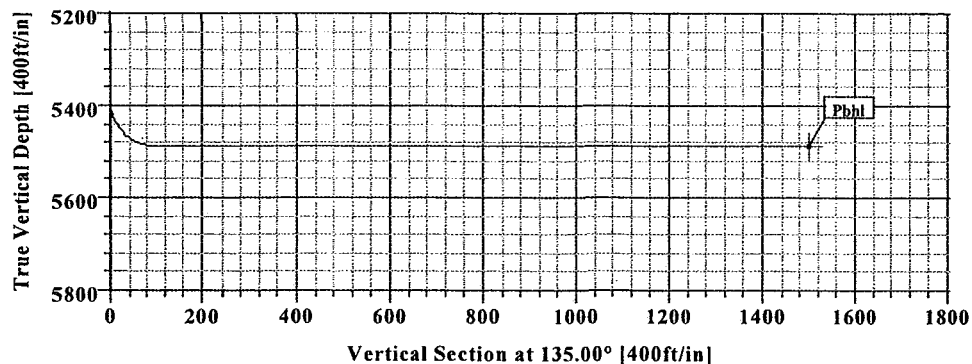
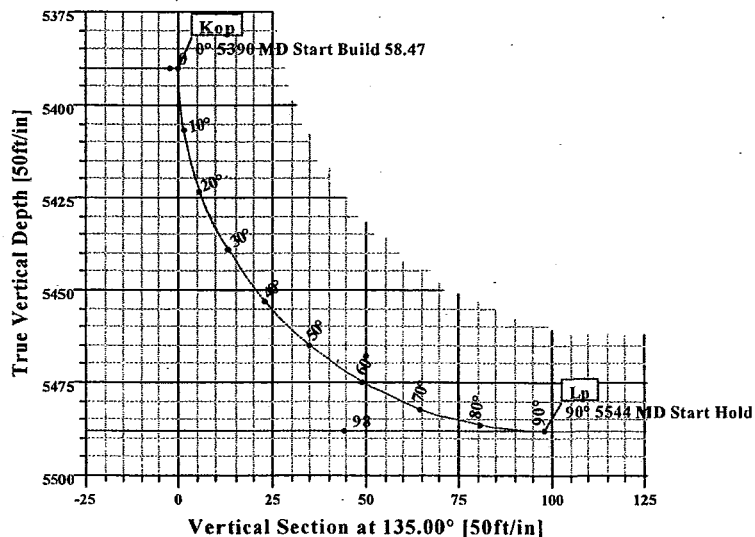
Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
Pbhl	5488.00	-1060.66	1060.66	00°00'00.000S	000°00'00.000W	Point

SITE DETAILS

White Mesa Unit #27-22
1975' FNL 2013' FWL of Sec 27, T41S, R24E

Ground Level: 4645.00
Positional Uncertainty: 0.00
Convergence: 0.00

KB ELEV: N/A
GL ELEV: 4645'



Plan: Plan #1 (#27-22/1)

Created By: Lindsey Maddux

Date: 3/15/2010

Weatherford International Ltd.

WFT Plan Report

Company: US Oil & Gas Field: San Juan County, UT Site: White Mesa Unit #27-22 Well: #27-22 Wellpath: 1		Date: 3/15/2010 Co-ordinate(NE) Reference: Well: #27-22, Grid North Vertical (TVD) Reference: SITE 0.0 Section (VS) Reference: Well (0.00N,0.00E,135.00Azi) Survey Calculation Method: Minimum Curvature		Time: 12:13:24 Page: 1																																																																																																																																																																																																						
Plan: Plan #1 Principal: Yes		Date Composed: 3/15/2010 Version: 1 Tied-to: From Surface																																																																																																																																																																																																								
Field: San Juan County, UT Map System: US State Plane Coordinate System 1983 Geo Datum: GRS 1980 Sys Datum: Mean Sea Level																																																																																																																																																																																																										
Site: White Mesa Unit #27-22 1975' FNL 2013' FWL of Sec 27, T41S, R24E <table style="width: 100%;"> <tr> <td>Site Position:</td> <td>Northing:</td> <td>ft</td> <td>Latitude:</td> <td></td> </tr> <tr> <td>From: Local Only</td> <td>Easting:</td> <td>ft</td> <td>Longitude:</td> <td></td> </tr> <tr> <td>Position Uncertainty:</td> <td>0.00 ft</td> <td></td> <td>North Reference:</td> <td>Grid</td> </tr> <tr> <td>Ground Level:</td> <td>4645.00 ft</td> <td></td> <td>Grid Convergence:</td> <td>deg</td> </tr> </table>					Site Position:	Northing:	ft	Latitude:		From: Local Only	Easting:	ft	Longitude:		Position Uncertainty:	0.00 ft		North Reference:	Grid	Ground Level:	4645.00 ft		Grid Convergence:	deg																																																																																																																																																																																		
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Weatherford International Ltd.

WFT Plan Report

Company: US Oil & Gas	Date: 3/15/2010	Time: 12:13:24	Page: 2
Field: San Juan County, UT	Co-ordinate(NE) Reference: Well: #27-22, Grid North		
Site: White Mesa Unit #27-22	Vertical (TVD) Reference: SITE 0.0		
Well: #27-22	Section (VS) Reference: Well (0.00N,0.00E,135.00Azi)		
Wellpath: 1	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Comment
5470.00	46.77	135.00	5461.41	-21.84	21.84	30.88	58.47	58.47	0.00	
5475.00	49.70	135.00	5464.74	-24.47	24.47	34.61	58.47	58.47	0.00	
5480.00	52.62	135.00	5467.87	-27.23	27.23	38.50	58.47	58.47	0.00	
5485.00	55.54	135.00	5470.80	-30.09	30.09	42.55	58.47	58.47	0.00	
5490.00	58.47	135.00	5473.53	-33.05	33.05	46.74	58.47	58.47	0.00	
5495.00	61.39	135.00	5476.03	-36.11	36.11	51.07	58.47	58.47	0.00	
5500.00	64.31	135.00	5478.31	-39.26	39.26	55.52	58.47	58.47	0.00	
5505.00	67.23	135.00	5480.37	-42.48	42.48	60.08	58.47	58.47	0.00	
5510.00	70.16	135.00	5482.18	-45.78	45.78	64.74	58.47	58.47	0.00	
5515.00	73.08	135.00	5483.76	-49.13	49.13	69.48	58.47	58.47	0.00	
5520.00	76.00	135.00	5485.09	-52.54	52.54	74.30	58.47	58.47	0.00	
5525.00	78.93	135.00	5486.18	-55.99	55.99	79.18	58.47	58.47	0.00	
5530.00	81.85	135.00	5487.01	-59.47	59.47	84.11	58.47	58.47	0.00	
5535.00	84.77	135.00	5487.59	-62.99	62.99	89.07	58.47	58.47	0.00	
5540.00	87.70	135.00	5487.92	-66.51	66.51	94.06	58.47	58.47	0.00	
5543.94	90.00	135.00	5488.00	-69.30	69.30	98.00	58.47	58.47	0.00	Lp
5600.00	90.00	135.00	5488.00	-108.94	108.94	154.06	0.00	0.00	0.00	
5700.00	90.00	135.00	5488.00	-179.65	179.65	254.06	0.00	0.00	0.00	
5800.00	90.00	135.00	5488.00	-250.36	250.36	354.06	0.00	0.00	0.00	
5900.00	90.00	135.00	5488.00	-321.07	321.07	454.06	0.00	0.00	0.00	
6000.00	90.00	135.00	5488.00	-391.78	391.78	554.06	0.00	0.00	0.00	
6100.00	90.00	135.00	5488.00	-462.49	462.49	654.06	0.00	0.00	0.00	
6200.00	90.00	135.00	5488.00	-533.20	533.20	754.06	0.00	0.00	0.00	
6300.00	90.00	135.00	5488.00	-603.91	603.91	854.06	0.00	0.00	0.00	
6400.00	90.00	135.00	5488.00	-674.62	674.62	954.06	0.00	0.00	0.00	
6500.00	90.00	135.00	5488.00	-745.33	745.33	1054.06	0.00	0.00	0.00	
6600.00	90.00	135.00	5488.00	-816.05	816.05	1154.06	0.00	0.00	0.00	
6700.00	90.00	135.00	5488.00	-886.76	886.76	1254.06	0.00	0.00	0.00	
6800.00	90.00	135.00	5488.00	-957.47	957.47	1354.06	0.00	0.00	0.00	
6900.00	90.00	135.00	5488.00	-1028.18	1028.18	1454.06	0.00	0.00	0.00	
6945.94	90.00	135.00	5488.00	-1060.66	1060.66	1500.00	0.00	0.00	0.00	Pbhl

Targets

Name	Description Dip.	Dir.	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	<--- Latitude ---> Deg Min Sec			<--- Longitude ---> Deg Min Sec		
Pbhl			5488.00	-1060.66	1060.66			10	28	49.278 N	115	36	32.783 W

Casing Points

MD	TVD	Diameter	Hole Size	Name

Formations

MD	TVD	Formations	Lithology	Dip Angle	Dip Direction

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT - " for such proposals

SUBMIT IN TRIPLICATE

1. Type of well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
US Oil & Gas, Inc.

3. Address and Telephone No.
P.O. Box 698 Cortez, CO. 81321 (970) 565-0793

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1975' FNL & 2013' FWL SEC. 27, T.41 S., R 24E.

5. Lease Designation and Serial No.
14-20-603-409A

6. If Indian, Allottee or Tribe Name
Navajo

7. If Unit or CA. Agreement Designation
White Mesa Unit

8. Well Name and No.
27-22

9. API Well No.
4303731064

10. Field and Pool, or Exploratory Area
Greater Aneth Area

11. County or Parish, State
San Juan Co. Utah

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>Horizontal</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give permanent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

US Oil & Gas, plans to clean out back to PBTD of 5557', set a cement retainer at 5410' and cement squeeze all perforations (5417'-5532'). Clean out back to the retainer at 5410' and set a whipstock at 5390' facing 135 degrees from north. Well will be horizontal at approximately 5488' and drilled horizontal 1500' to an approximate ~~surface~~ BAH location of 2150' FEL & 2250' FSL, Sec. 27 T. 41S, R,24E. The formation the work will be in is the Desert Creek of the Lower Paradox. The drilling will be done with aireated mud to lower hydrostatic weight and control will be maintained with a double ram BOP with a Washington Rotating head on top, the mud will be returned to steel mud pits.

653841X
41173934
37.192160
-109.266722

14. I hereby certify that the foregoing is true and correct

Signed Pat Woolley Title VP Date 3/17/2010

RECEIVED
MAR 23 2010
DIV. OF OIL, GAS & MINING



Weatherford®

Drilling Services

PROPOSAL

US OIL & GAS

WHITE MESA UNIT #27-22

SAN JUAN COUNTY, UTAH

WELL FILE: **PLAN 1**

MARCH 15, 2010

Weatherford Drilling Services

P.O. Box 61028

Midland, Texas 79711 USA

+1.432.561.8892 Main

+1.432.561.8895 Fax

www.weatherford.com

U.S. Oil & Gas

White Mesa Unit #27-22
San Juan Co., Utah

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	135.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	5390.00	0.00	135.00	5390.00	0.00	0.00	0.00	0.00	0.00	
3	5543.94	90.00	135.00	5488.00	-69.30	69.30	58.47	135.00	98.00	
4	6945.94	90.00	135.00	5488.00	-1060.66	1060.66	0.00	0.00	1500.00	Pbhl

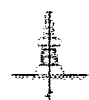
TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
Pbhl	5488.00	-1060.66	1060.66	00°00'00.000S	000°00'00.000W	Point

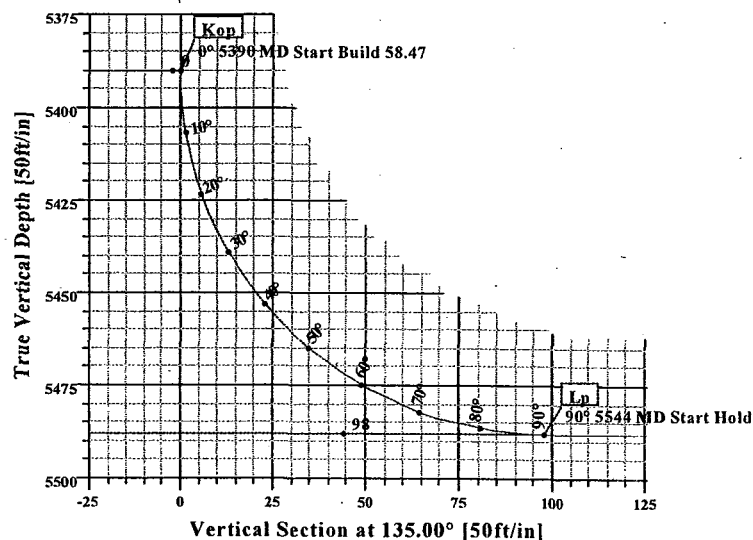
SITE DETAILS

White Mesa Unit #27-22
1975' FNL 2013' FWL of Sec 27, T41S, R24E

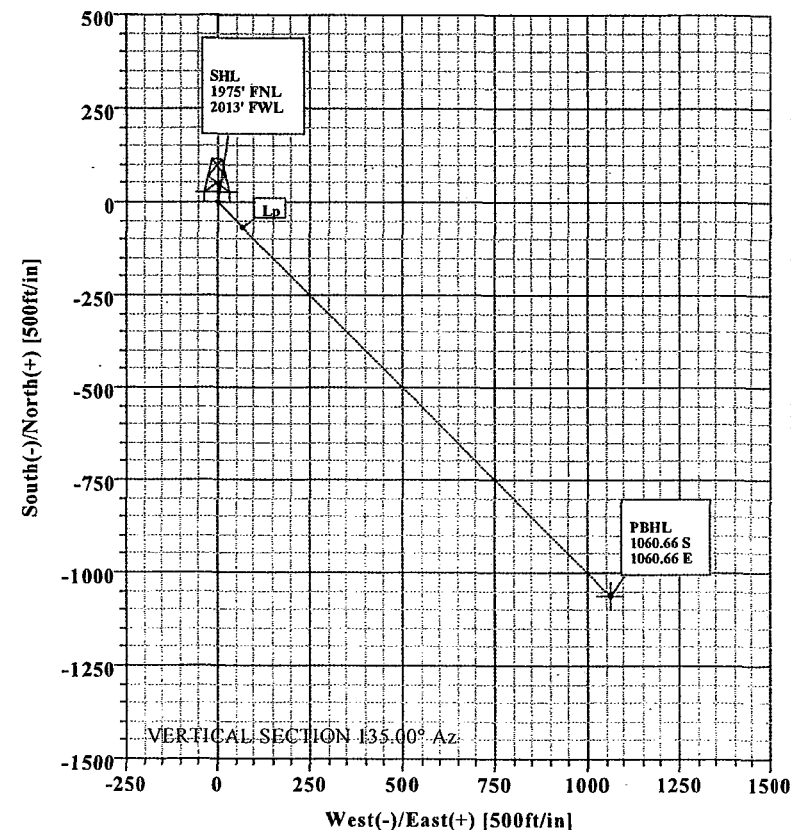
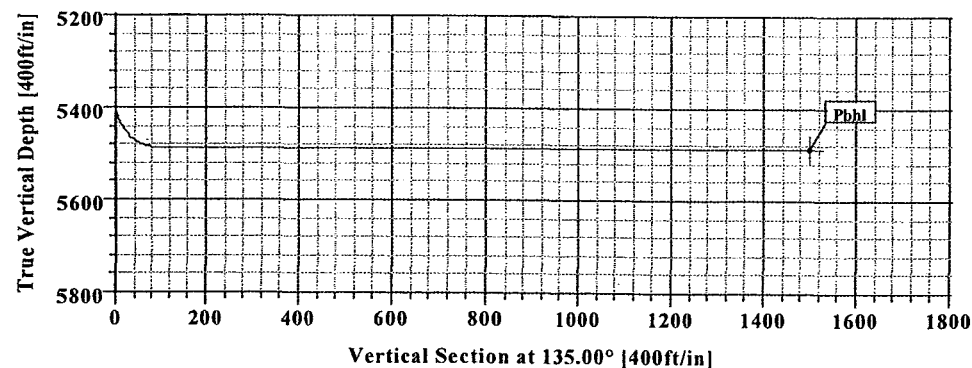
Ground Level: 4645.00
Positional Uncertainty: 0.00
Convergence: 0.00



KB ELEV: N/A
GL ELEV: 4645'



Weatherford



Plan: Plan #1 (#27-22/1)

Created By: Lindsey Maddux

Date: 3/15/2010

Weatherford International Ltd.

WFT Plan Report

Company: US Oil & Gas Field: San Juan County, UT Site: White Mesa Unit #27-22 Well: #27-22 Wellpath: 1		Date: 3/15/2010 Co-ordinate(NE) Reference: Well: #27-22, Grid North Vertical (TVD) Reference: SITE 0.0 Section (VS) Reference: Well (0.00N,0.00E,135.00Azi) Survey Calculation Method: Minimum Curvature		Time: 12:13:24 Page: 1 Db: Sybase							
Plan: Plan #1 Principal: Yes		Date Composed: 3/15/2010 Version: 1 Tied-to: From Surface									
Field: San Juan County, UT Map System: US State Plane Coordinate System 1983 Geo Datum: GRS 1980 Sys Datum: Mean Sea Level											
Map Zone: Utah, Southern Zone Coordinate System: Well Centre Geomagnetic Model: IGRF2010											
Site: White Mesa Unit #27-22 1975' FNL 2013' FWL of Sec 27, T41S, R24E Site Position: Northing: ft Latitude: From: Local Only Easting: ft Longitude: Position Uncertainty: 0.00 ft North Reference: Grid Ground Level: 4645.00 ft Grid Convergence: deg											
Well: #27-22 Slot Name: Well Position: +N/-S 0.00 ft Northing: ft Latitude: +E/-W 0.00 ft Easting: ft Longitude: Position Uncertainty: 0.00 ft											
Wellpath: 1 Drilled From: Surface Current Datum: SITE Tie-on Depth: 0.00 ft Magnetic Data: 3/15/2010 Above System Datum: Mean Sea Level Field Strength: 0 nT Declination: 0.00 deg Vertical Section: Depth From (TVD) +N/-S Mag Dip Angle: 0.00 deg ft ft ft 0.00 0.00 0.00 135.00											
Plan Section Information											
MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg	Target	
0.00	0.00	135.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
5390.00	0.00	135.00	5390.00	0.00	0.00	0.00	0.00	0.00	0.00		
5543.94	90.00	135.00	5488.00	-69.30	69.30	58.47	58.47	0.00	135.00		
6945.94	90.00	135.00	5488.00	-1060.66	1060.66	0.00	0.00	0.00	0.00	Pbhl	
Survey											
MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Comment	
5300.00	0.00	135.00	5300.00	0.00	0.00	0.00	0.00	0.00	0.00		
5390.00	0.00	135.00	5390.00	0.00	0.00	0.00	0.00	0.00	0.00	Kop	
5395.00	2.92	135.00	5395.00	-0.09	0.09	0.13	58.47	58.47	0.00		
5400.00	5.85	135.00	5399.98	-0.36	0.36	0.51	58.47	58.47	0.00		
5405.00	8.77	135.00	5404.94	-0.81	0.81	1.15	58.47	58.47	0.00		
5410.00	11.69	135.00	5409.86	-1.44	1.44	2.03	58.47	58.47	0.00		
5415.00	14.62	135.00	5414.73	-2.24	2.24	3.17	58.47	58.47	0.00		
5420.00	17.54	135.00	5419.53	-3.22	3.22	4.56	58.47	58.47	0.00		
5425.00	20.46	135.00	5424.26	-4.37	4.37	6.18	58.47	58.47	0.00		
5430.00	23.39	135.00	5428.90	-5.69	5.69	8.05	58.47	58.47	0.00		
5435.00	26.31	135.00	5433.44	-7.18	7.18	10.15	58.47	58.47	0.00		
5440.00	29.23	135.00	5437.86	-8.83	8.83	12.48	58.47	58.47	0.00		
5445.00	32.16	135.00	5442.16	-10.63	10.63	15.03	58.47	58.47	0.00		
5450.00	35.08	135.00	5446.32	-12.59	12.59	17.80	58.47	58.47	0.00		
5455.00	38.00	135.00	5450.34	-14.69	14.69	20.78	58.47	58.47	0.00		
5460.00	40.93	135.00	5454.20	-16.94	16.94	23.95	58.47	58.47	0.00		
5465.00	43.85	135.00	5457.89	-19.32	19.32	27.33	58.47	58.47	0.00		

Weatherford International Ltd.

WFT Plan Report

Company: US Oil & Gas
Field: San Juan County, UT
Site: White Mesa Unit #27-22
Well: #27-22
Wellpath: 1

Date: 3/15/2010 **Time:** 12:13:24 **Page:** 2
Co-ordinate(NE) Reference: Well: #27-22, Grid North
Vertical (TVD) Reference: SITE 0.0
Section (VS) Reference: Well (0.00N,0.00E,135.00Azi)
Survey Calculation Method: Minimum Curvature **Db:** Sybase

Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Comment
5470.00	46.77	135.00	5461.41	-21.84	21.84	30.88	58.47	58.47	0.00	
5475.00	49.70	135.00	5464.74	-24.47	24.47	34.61	58.47	58.47	0.00	
5480.00	52.62	135.00	5467.87	-27.23	27.23	38.50	58.47	58.47	0.00	
5485.00	55.54	135.00	5470.80	-30.09	30.09	42.55	58.47	58.47	0.00	
5490.00	58.47	135.00	5473.53	-33.05	33.05	46.74	58.47	58.47	0.00	
5495.00	61.39	135.00	5476.03	-36.11	36.11	51.07	58.47	58.47	0.00	
5500.00	64.31	135.00	5478.31	-39.26	39.26	55.52	58.47	58.47	0.00	
5505.00	67.23	135.00	5480.37	-42.48	42.48	60.08	58.47	58.47	0.00	
5510.00	70.16	135.00	5482.18	-45.78	45.78	64.74	58.47	58.47	0.00	
5515.00	73.08	135.00	5483.76	-49.13	49.13	69.48	58.47	58.47	0.00	
5520.00	76.00	135.00	5485.09	-52.54	52.54	74.30	58.47	58.47	0.00	
5525.00	78.93	135.00	5486.18	-55.99	55.99	79.18	58.47	58.47	0.00	
5530.00	81.85	135.00	5487.01	-59.47	59.47	84.11	58.47	58.47	0.00	
5535.00	84.77	135.00	5487.59	-62.99	62.99	89.07	58.47	58.47	0.00	
5540.00	87.70	135.00	5487.92	-66.51	66.51	94.06	58.47	58.47	0.00	
5543.94	90.00	135.00	5488.00	-69.30	69.30	98.00	58.47	58.47	0.00	Lp
5600.00	90.00	135.00	5488.00	-108.94	108.94	154.06	0.00	0.00	0.00	
5700.00	90.00	135.00	5488.00	-179.65	179.65	254.06	0.00	0.00	0.00	
5800.00	90.00	135.00	5488.00	-250.36	250.36	354.06	0.00	0.00	0.00	
5900.00	90.00	135.00	5488.00	-321.07	321.07	454.06	0.00	0.00	0.00	
6000.00	90.00	135.00	5488.00	-391.78	391.78	554.06	0.00	0.00	0.00	
6100.00	90.00	135.00	5488.00	-462.49	462.49	654.06	0.00	0.00	0.00	
6200.00	90.00	135.00	5488.00	-533.20	533.20	754.06	0.00	0.00	0.00	
6300.00	90.00	135.00	5488.00	-603.91	603.91	854.06	0.00	0.00	0.00	
6400.00	90.00	135.00	5488.00	-674.62	674.62	954.06	0.00	0.00	0.00	
6500.00	90.00	135.00	5488.00	-745.33	745.33	1054.06	0.00	0.00	0.00	
6600.00	90.00	135.00	5488.00	-816.05	816.05	1154.06	0.00	0.00	0.00	
6700.00	90.00	135.00	5488.00	-886.76	886.76	1254.06	0.00	0.00	0.00	
6800.00	90.00	135.00	5488.00	-957.47	957.47	1354.06	0.00	0.00	0.00	
6900.00	90.00	135.00	5488.00	-1028.18	1028.18	1454.06	0.00	0.00	0.00	
6945.94	90.00	135.00	5488.00	-1060.66	1060.66	1500.00	0.00	0.00	0.00	Pbhl

Targets

Name	Description Dip.	Dir.	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	<--- Latitude ---> Deg Min Sec			<--- Longitude ---> Deg Min Sec		
Pbhl			5488.00	-1060.66	1060.66			10	28	49.278 N	115	36	32.783 W

Casing Points

MD	TVD	Diameter	Hole Size	Name

Formations

MD	TVD	Formations	Lithology	Dip Angle	Dip Direction

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 03/23/2010

API NO. ASSIGNED: 43-037-31064

WELL NAME: WHITE MESA UNIT 27-22

OPERATOR: US OIL & GAS INC (N7420)

CONTACT: PAT WOOSLEY

PHONE NUMBER: 970-565-0793

PROPOSED LOCATION:

SENW 27 410S 240E

SURFACE: 1975 FNL 2013 FWL

BOTTOM: 2250 FSL 2150 FEL

COUNTY: SAN JUAN

LATITUDE: 37.19677 LONGITUDE: -109.27081

UTM SURF EASTINGS: 653469 NORTHINGS: 4117898

FIELD NAME: GREATER ANETH (365)

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 2 - Indian

LEASE NUMBER: 14-20-603-409A

SURFACE OWNER: 2 - Indian

PROPOSED FORMATION: DSCR

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

☒ Plat
☒ Bond: Fed[] Ind[2] Sta[] Fee[]
(No. 103475568)
☒ Potash (Y/N)
☒ Oil Shale 190-5 (B) or 190-3 or 190-13
☒ Water Permit
(No. Municipal)
☒ RDCC Review (Y/N)
(Date: _____)
☒ Fee Surf Agreement (Y/N)
☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

 R649-2-3.

Unit: WHITE MESA

 R649-3-2. General

Siting: 460 From Qtr/Qtr & 920' Between Wells

 R649-3-3. Exception

☒ Drilling Unit

Board Cause No: 152-3

Eff Date: 5-24-1984

Siting: See Cause Order

 R649-3-11. Directional Drill

COMMENTS: _____

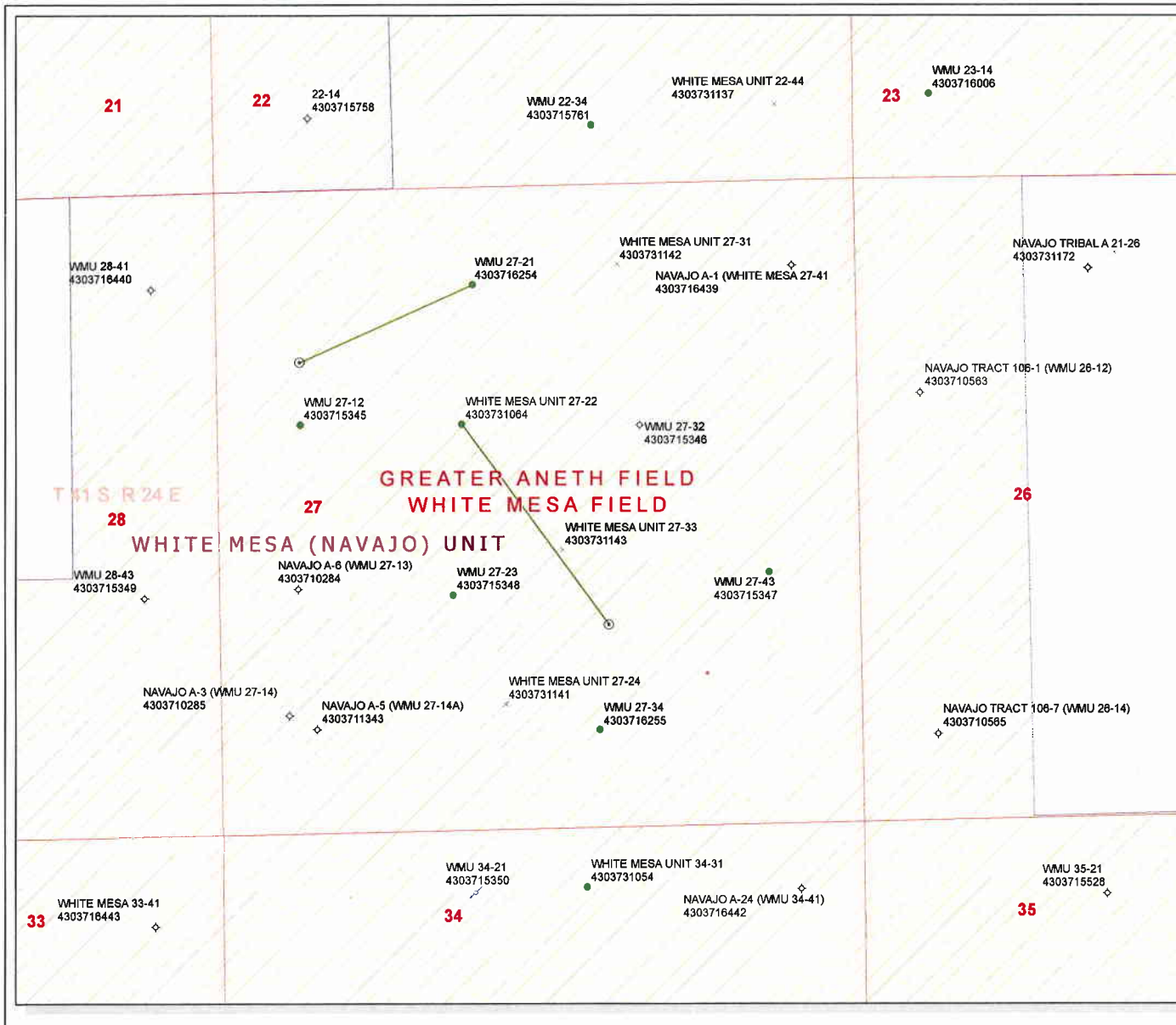
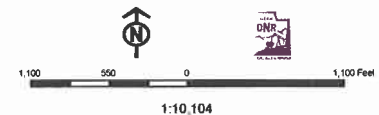
STIPULATIONS: _____

1- Federal Approval

API Number: 4303731064
Well Name: WHITE MESA UNIT 27-22
 Township 41.0 S Range 24.0 E Section 27
Meridian: SLBM
 Operator: US OIL & GAS INC

Map Prepared:
 Map Produced by Diana Mason

- | | |
|--------------|------------------------------------|
| Units | Wells Query |
| STATUS | STATUS |
| ACTIVE | APD - Approved Permit |
| EXPLORATORY | DRL - Spudded (Drilling Commenced) |
| GAS STORAGE | GW - Gas Injection |
| NP PP OIL | GS - Gas Storage |
| NP SECONDARY | LA - Location Abandoned |
| PI OIL | LOC - New Location |
| PP GAS | OPS - Operation Suspended |
| PP GEOTHERM. | PA - Plugged Abandoned |
| PP OIL | PCW - Producing Gas Well |
| SECONDARY | PCW - Producing Oil Well |
| TERMINATED | RET - Returned APD |
| Fields | SCW - Shut-in Gas Well |
| Sections | SCW - Shut-in Oil Well |
| Township | TA - Temp. Abandoned |
| | TV - Test Well |
| | WDW - Water Disposal |
| | WW - Water Injection Well |
| | WSW - Water Supply Well |





GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

April 1, 2010

US Oil & Gas, Inc.
P.O. Box 698
Cortez, CO 81321

Subject: White Mesa Unit 27-22 Well, Surface Location 1975' FNL, 2013' FWL, SE NW,
Sec. 27, T. 41 South, R. 24 East, Bottom Location 2250' FSL, 2150' FEL, SE NW,
Sec. 27, T. 41 South, R. 24 East, San Juan County, Utah

Ladies and Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-037-31064.

Sincerely,

Gil Hunt
Associate Director

GLH/js
Enclosures

cc: San Juan County Assessor
Bureau of Land Management, Moab Office



Operator: US Oil & Gas, Inc.
Well Name & Number White Mesa Unit 27-22
API Number: 43-037-31064
Lease: 14-20-603-409A

Surface Location: SE NW **Sec.** 27 **T.** 41 South **R.** 24 East
Bottom Location: SE NW **Sec.** 27 **T.** 41 South **R.** 24 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well – contact Carol Daniels at 801-538-5284 (please let a voicemail message if not available)

OR

Submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at <http://oilgas.ogm.utah.gov>

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dustin Doucet at (801) 538-5281 office
(801) 733-0983 after office hours

3. Reporting Requirements

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited:

- Entity Action Form (Form 6) – due within 5 days of spudding the well
- Monthly Status Report (Form 9) – due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) – due prior to implementation
- Written Notice of Emergency Changes (Form 9) – due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) – due prior to implementation
- Report of Water Encountered (Form 7) – due within 30 days after completion
- Well Completion Report (Form 8) – due within 30 days after completion or plugging

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 6

ENTITY ACTION FORM

Operator: US Oil & Gas, Inc.
Address: P.O. Box 698
city Cortez
state CO zip 81321

Operator Account Number: N 7420

Phone Number: 970-565-0793

Well 1

API Number	Well Name	QQ	Sec	Twp	Rng	County
43-037-31064	<u>White Mesa Unit</u> Well 27-22	SE NW	27	41S	24E	San Juan
Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date		
B	6007 ✓	6007 ✓	9/3/2010	9/3/2010		
Comments: Well is a Horizontal starting in the Desert Creek Frm. and remaining in the Desert Creek Frm.:						

Well 2

API Number	Well Name	QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date		
Comments:						

Well 3

API Number	Well Name	QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date		
Comments:						

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

RECEIVED

SEP 13 2010

DIV. OF OIL, GAS & MINING

Pat. Woosley
Name (Please Print)
Pat Woosley
Signature
VP US Oil & Gas 9/6/10
Title Date

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT ☐ FORM 8
(highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NUMBER: 14-20-603-409A
b. TYPE OF WORK: NEW WELL <input type="checkbox"/> HORIZ. LATS. <input checked="" type="checkbox"/> DEEP-EN <input type="checkbox"/> RE-ENTRY <input checked="" type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo
2. NAME OF OPERATOR: US Oil & Gas, Inc.		7. UNIT or CA AGREEMENT NAME White Mesa Unit
3. ADDRESS OF OPERATOR: PO Box 698 CITY Cortez STATE CO ZIP 81321		8. WELL NAME and NUMBER: 27-22
PHONE NUMBER: 970-565-0793		9. API NUMBER: 4303731064
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 1975' FNL & 2013 FWL AT TOP PRODUCING INTERVAL REPORTED BELOW: AT TOTAL DEPTH: 1959 fml 1957 fwl		10 FIELD AND POOL, OR WILDCAT Greater Aneth Area
14. DATE SPUDDED: 9/3/10		11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Sec 27 T41S, R24E
15. DATE T.D. REACHED: 9/15/10		12. COUNTY
16. DATE COMPLETED: 12/21/2010		13. STATE UTAH
ABANDONED <input type="checkbox"/> READY TO PRODUCE <input type="checkbox"/>		17. ELEVATIONS (DF, RKB, RT, GL): 4,650 GL
18. TOTAL DEPTH: MD 5520 TVD 5496	19. PLUG BACK T.D.: MD 0 TVD 0	20. IF MULTIPLE COMPLETIONS, HOW MANY? *
22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)		21. DEPTH BRIDGE MD PLUG SET: TVD
23. WAS WELL CORED? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit analysis) WAS DST RUN? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit report) DIRECTIONAL SURVEY? NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> (Submit copy)		

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
4 3/4"	open hole		5392	5585					

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8	5500							

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A) Desert Creek	5391	5585	5392	5552				Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(B)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(C)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(D)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

27. PERFORATION RECORD

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL

29. ENCLOSED ATTACHMENTS:

- ☐ ELECTRICAL/MECHANICAL LOGS ☐ GEOLOGIC REPORT ☐ DST REPORT ☒ DIRECTIONAL SURVEY
☐ SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION ☐ CORE ANALYSIS ☐ OTHER:

30. WELL STATUS:

RECEIVED

JAN 18 2011

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES:	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
12/22/10	12/23/10	24	→	15 BBL	50 MCF	25 BBL	Rod Pump
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES:	INTERVAL STATUS:
		150 PSI	40.0	1600	0.3	→	

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES:	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
			→				
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES:	INTERVAL STATUS:
						→	

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES:	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
			→				
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES:	INTERVAL STATUS:
						→	

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES:	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
			→				
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES:	INTERVAL STATUS:
						→	

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)

35. ADDITIONAL REMARKS (Include plugging procedure)

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Patrick B. Woosley TITLE Vice President

SIGNATURE *Patrick B. Woosley* DATE 1/6/11

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340
Fax: 801-359-3940

August 31 2010 : Picked up CIBP triped in hole and set at 5397' triped out of hole with setting tools, picked up Whipstock, scribbled for gyro tools, TIH and set whipstock at 125 deg.. TOH with tools shut down for Labor Day.

September 7, 2010: Setting up gas buster unit, air package unit and scientific drilling equipment, Picked up mills TIH and cut window ,TOH laided mills down, picked up drilling motor and BHA, waiting on gyro.

September 8, 2010: Finished scribbing, TIH, ran gyro, started drilling. Could,nt get the cruve build rate we needed, TOH to change motors.

September 9 2010: Waited on motor untill noon, picked up motor, TIH, started drilling, pump at 2bbls/min air at 1000 cfm. Drilling.

September 10 2010: Trying to drill cruve, drill pipe hanging in whipstock or upper part of cruve. TOH and picked up pilot mills and two follower mills, TIH and tried to clean up window.

September 11, 2010: TOH with mills, Picked up cruve motor and BHA, TIH and start drilling again. Drilled approxamately 131 feet and UBHO sub twistted off. TOH.

September 12, 2010: Called for fishing tools. Picked up fishing tools, TIH started fishing for drilling motor. Fishing tools would catch motor but would'nt grab hard enough to pull it loose.

September 13, 2010: TOH with fishing tools and picked up tools with different size grappels, TIH, once again we could catch the motor but could'nt get it loose.

September 14, 2010: TOH with fishing tools, laid everthing down, started rigging down drilling equipment getting everthing off location.

September 15, 2010 Rigged drilling rig down, moved off, shut well in to wait on completion rig.

US OIL & GAS

White Mesa

San Juan County, Utah

White Mesa #27-22

DH - Job #33D0910138

Survey: Actual

SDI Standard Survey Report

03 December, 2010

This survey is correct to the best of my knowledge and is supported by actual field data.

Michael

Notarized this date 5th of January, 2011.

Carrin Reed

Notary Signature
County of Midland
State of Texas



Scientific Drilling International, Inc.
SDI Standard Survey Report

Company: US OIL & GAS
Project: White Mesa
Site: San Juan County, Utah
Well: White Mesa #27-22
Wellbore: VH - Job #32K0810133
Design: VH - Job #32K0810133

Local Co-ordinate Reference: Site San Juan County, Utah
TVD Reference: WELL @ 0.0usft (Original Well Elev)
MD Reference: WELL @ 0.0usft (Original Well Elev)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM-Regulatory

Project	White Mesa		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico West 3003		

Site	San Juan County, Utah		
Site Position:		Northing:	0.00 usft
From:	None	Easting:	0.00 usft
Position Uncertainty:	0.0 usft	Slot Radius:	0"
		Latitude:	0° 0' 0.000 N
		Longitude:	0° 0' 0.000 E
		Grid Convergence:	0.00 °

Well	White Mesa #27-22, Directional		
Well Position	+N/-S	0.0 usft	Northing: 0.00 usft
	+E/-W	0.0 usft	Easting: 0.00 usft
Position Uncertainty	0.0 usft	Wellhead Elevation:	usft
		Latitude:	30° 59' 24.512 N
		Longitude:	109° 25' 44.094 W
		Ground Level:	0.0 usft

Wellbore	VH - Job #32K0810133				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2010	8/31/2010	9.82	57.87	47,168

Design	VH - Job #32K0810133				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.0	0.0	0.0	135.00	

Survey Program	Date	12/3/2010			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
100.0	5,401.0	Actual (VH - Job #32K0810133)	KSRG	Keeper Gyro	

Survey								
Measured Depth (usft)	Inclination (°)	Azimuth (°)	True Vertical Depth	North/South (usft)	East/West (usft)	Closure Azimuth (°)	Closure Distance (usft)	
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.0	
100.0	0.34	46.09	100.0	0.2	0.2	46.09	0.3	
200.0	0.10	4.35	200.0	0.5	0.4	41.05	0.7	
300.0	0.47	87.52	300.0	0.6	0.9	54.65	1.0	
400.0	0.19	25.52	400.0	0.8	1.3	59.94	1.5	
500.0	0.09	356.65	500.0	1.0	1.4	54.47	1.7	
600.0	0.16	336.91	600.0	1.2	1.3	48.01	1.8	
700.0	1.06	303.81	700.0	1.8	0.5	15.59	1.9	
800.0	2.13	290.26	799.9	3.0	-2.0	326.42	3.6	
900.0	2.63	287.91	899.9	4.4	-5.9	306.33	7.4	
1,000.0	2.73	284.98	999.8	5.7	-10.4	298.61	11.9	
1,100.0	2.42	285.37	1,099.7	6.9	-14.7	294.93	16.3	

Scientific Drilling International, Inc.
SDI Standard Survey Report

Company: US OIL & GAS
Project: White Mesa
Site: San Juan County, Utah
Well: White Mesa #27-22
Wellbore: VH - Job #32K0810133
Design: VH - Job #32K0810133

Local Co-ordinate Reference: Site San Juan County, Utah
TVD Reference: WELL @ 0.0usft (Original Well Elev)
MD Reference: WELL @ 0.0usft (Original Well Elev)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM-Regulatory

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	True Vertical Depth	North/South (usft)	East/West (usft)	Closure Azimuth (°)	Closure Distance (usft)
1,200.0	2.45	287.55	1,199.6	8.1	-18.8	293.18	20.5
1,300.0	2.08	292.24	1,299.5	9.4	-22.5	292.62	24.4
1,400.0	1.95	294.67	1,399.4	10.8	-25.8	292.72	27.9
1,500.0	1.81	296.25	1,499.4	12.2	-28.7	293.00	31.2
1,600.0	1.73	289.81	1,599.3	13.4	-31.6	293.01	34.3
1,700.0	1.70	288.91	1,699.3	14.4	-34.4	292.72	37.3
1,800.0	1.64	287.28	1,799.2	15.3	-37.2	292.39	40.2
1,900.0	2.04	290.90	1,899.2	16.4	-40.2	292.16	43.4
2,000.0	2.49	282.50	1,999.1	17.5	-44.0	291.67	47.3
2,100.0	2.37	286.39	2,099.0	18.5	-48.1	291.07	51.5
2,200.0	2.01	292.71	2,198.9	19.8	-51.7	290.95	55.3
2,300.0	2.01	294.06	2,298.9	21.2	-54.9	291.09	58.8
2,400.0	2.10	294.39	2,398.8	22.6	-58.2	291.27	62.4
2,500.0	1.89	292.99	2,498.8	24.0	-61.3	291.40	65.9
2,600.0	1.72	292.36	2,598.7	25.3	-64.3	291.46	69.0
2,700.0	1.50	293.89	2,698.7	26.4	-66.8	291.52	71.8
2,800.0	1.32	291.86	2,798.6	27.3	-69.1	291.57	74.3
2,900.0	1.16	285.28	2,898.6	28.0	-71.1	291.49	76.5
3,000.0	1.11	282.87	2,998.6	28.5	-73.1	291.31	78.4
3,100.0	1.08	290.32	3,098.6	29.0	-74.9	291.19	80.3
3,200.0	1.19	291.75	3,198.6	29.8	-76.7	291.19	82.3
3,300.0	1.26	290.85	3,298.5	30.5	-78.7	291.19	84.4
3,400.0	1.53	302.95	3,398.5	31.6	-80.9	291.37	86.9
3,500.0	1.42	298.70	3,498.5	33.0	-83.1	291.64	89.4
3,600.0	1.79	304.11	3,598.4	34.4	-85.5	291.95	92.1
3,700.0	1.35	310.27	3,698.4	36.1	-87.7	292.37	94.8
3,800.0	1.24	313.91	3,798.4	37.6	-89.3	292.82	96.9
3,900.0	1.21	327.79	3,898.3	39.2	-90.7	293.39	98.8
4,000.0	1.29	334.97	3,998.3	41.1	-91.7	294.16	100.5
4,100.0	1.50	344.31	4,098.3	43.4	-92.6	295.14	102.2
4,200.0	1.56	346.46	4,198.3	46.0	-93.2	296.27	104.0
4,300.0	1.32	342.47	4,298.2	48.4	-93.9	297.28	105.6
4,400.0	1.18	339.34	4,398.2	50.5	-94.6	298.09	107.2
4,500.0	0.75	348.36	4,498.2	52.1	-95.1	298.71	108.4
4,600.0	0.81	349.77	4,598.2	53.4	-95.4	299.26	109.3
4,700.0	0.64	358.08	4,698.2	54.7	-95.5	299.80	110.0
4,800.0	0.71	12.36	4,798.2	55.8	-95.4	300.35	110.5
4,900.0	0.47	10.29	4,898.2	56.9	-95.2	300.85	110.9
5,000.0	0.46	40.45	4,998.2	57.6	-94.8	301.26	110.9
5,100.0	0.69	39.50	5,098.1	58.3	-94.2	301.77	110.8
5,200.0	0.47	48.83	5,198.1	59.1	-93.5	302.28	110.6
5,300.0	0.48	57.07	5,298.1	59.6	-92.8	302.68	110.3
5,400.0	0.35	50.13	5,398.1	60.0	-92.3	303.03	110.1
5,401.0	0.53	53.52	5,399.1	60.0	-92.3	303.04	110.1

Scientific Drilling International, Inc.

SDI Standard Survey Report

Company:	US OIL & GAS	Local Co-ordinate Reference:	Well White Mesa #27-22
Project:	White Mesa	TVD Reference:	WELL @ 0.0usft (Original Well Elev)
Site:	San Juan County, Utah	MD Reference:	WELL @ 0.0usft (Original Well Elev)
Well:	White Mesa #27-22	North Reference:	True
Wellbore:	DH - Job #33D0910138	Survey Calculation Method:	Minimum Curvature
Design:	DH - Job #33D0910138	Database:	EDM-Regulatory

Project	White Mesa		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	Utah South 4303		

Site	San Juan County, Utah			
Site Position:		Northing:	0.00 usft	Latitude: 36° 28' 0.165 N
From:	None	Easting:	0.00 usft	Longitude: 118° 18' 20.683 W
Position Uncertainty:	0.0 usft	Slot Radius:	0"	Grid Convergence: -4.17 °

Well	White Mesa #27-22, Directional			
Well Position	+N/-S	0.0 usft	Northing:	0.00 usft
	+E/-W	0.0 usft	Easting:	0.00 usft
Position Uncertainty	0.0 usft	Wellhead Elevation:	usft	Ground Level: 0.0 usft

Wellbore	DH - Job #33D0910138				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2010	9/7/2010	13.17	61.05	48,973

Design	DH - Job #33D0910138				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	5,300.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.0	0.0	0.0	135.00	

Survey Program	Date	12/3/2010			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
100.0	5,300.0	Actual (VH - Job #32K0810133)	KSRG	Keeper Gyro	
5,388.0	5,518.0	Actual (DH - Job #33D0910138)	EMWD	EMWD	

Survey							
Measured Depth (usft)	Inclination (°)	Azimuth (°)	True Vertical Depth	North/South (usft)	East/West (usft)	Closure Azimuth (°)	Closure Distance (usft)
5,300.0	0.48	57.07	5,298.1	59.6	-92.8	302.68	110.3
5,388.0	0.31	70.73	5,386.1	59.8	-92.3	302.96	110.0
5,425.0	12.96	125.65	5,422.8	57.5	-88.8	302.89	105.8
5,456.0	28.75	139.00	5,451.7	49.7	-81.1	301.54	95.1
5,471.0	36.53	144.17	5,464.3	43.4	-76.1	299.70	87.6
5,488.0	43.52	144.15	5,477.3	34.5	-69.7	296.37	77.8
5,507.0	53.38	143.43	5,489.9	23.1	-61.3	290.64	65.5
5,518.0	59.27	141.65	5,496.0	15.8	-55.7	285.86	57.9



Scientific Drilling
Directional Drilling Operations

Project: White Mesa
San Juan County, Utah
Well: White Mesa #27-22
Wellbore: DH - Job #33D0910138
Design: DH - Job #33D0910138

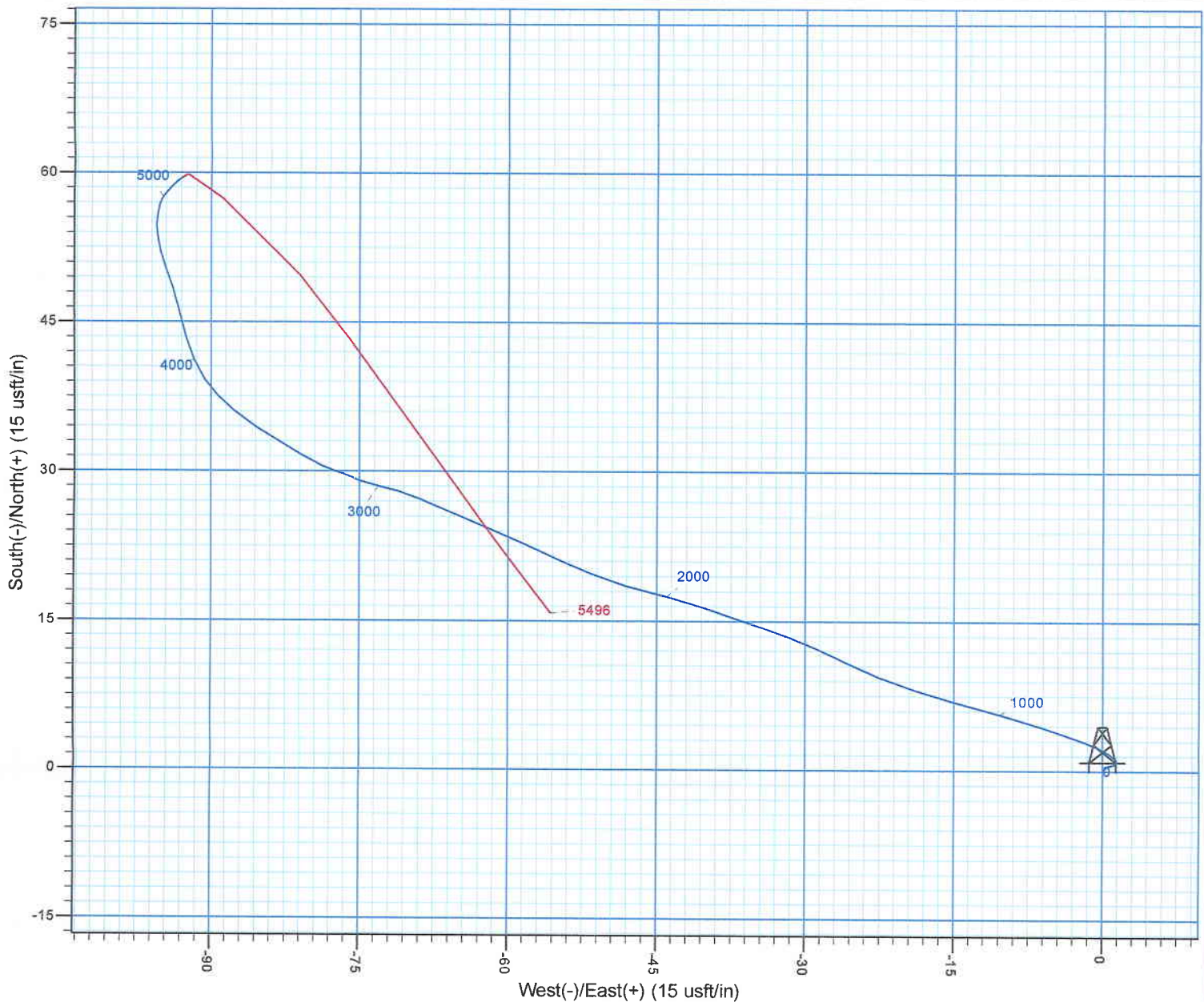


Azimuths to True North
Magnetic North: 13.17°

Magnetic Field
Strength: 48973.0snT
Dip Angle: 61.05°
Date: 9/7/2010
Model: BGGM2010

WELL DETAILS: White Mesa #27-22
WELL @ 0.0usft (Original Well Elev)
Ground Level: 0.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	0.00	0.00	36° 28' 0.165 N	118° 18' 20.683 W	



PROJECT DETAILS: White Mesa
Geodetic System: US State Plane 1927 (Exact solution)
Datum: NAD 1927 (NADCON CONUS)
Ellipsoid: Clarke 1866
Zone: Utah South 4303
System Datum: Mean Sea Level

SITE DETAILS: San Juan County, Utah
Site Centre Latitude: 36° 28' 0.165 N
Longitude: 118° 18' 20.683 W
Positional Uncertainty: 0.0
Convergence: -4.17
Local North: True

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT - " for such proposals

SUBMIT IN TRIPLICATE

1. Type of well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

US Oil & Gas, Inc.

3. Address and Telephone No.

P.O. Box 698 Cortez, CO. 81321 (970) 565-0793

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1975' FNL & 2013' FWL SEC. 27, T.41 S., R 24E.

5. Lease Designation and Serial No.

14-20-603-409A

6. If Indian, Allottee or Tribe Name

Navajo

7. If Unit or CA. Agreement Designation

White Mesa Unit

8. Well Name and No.

27-22

9. API Well No.

4303731064

10. Field and Pool, or Exploratory Area

Greater Aneth Area

11. County or Parish, State

San Juan Co. Utah

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Other _____	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give permanent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Well was returned to production on February 10th 2011, producing 5bbbls/day oil 25bbbls/day water.

14. I hereby certify that the foregoing is true and correct

Signed

Pat Woolly

Title

VP

Date

2/14/2011

RECEIVED

MAR 07 2011

DIV. OF OIL, GAS & MINING